A graduate student is considered full-time if he/she is enrolled in a minimum of nine hours of graduate study for Fall or Spring semesters, and five hours of graduate study for summer semester.

Students who enroll for graduate credit without formal admission to—or permission of—the Jackson College of Graduate Studies & Research will be administratively dropped from enrollments and will receive no credit.

A Graduate Assistant (GA) or Research Assistant (RA) must be enrolled in at least nine hours of graduate study, or twelve (12) undergraduate hours or twelve (12) mixed enrollment hours whether he/she be a full, three-fourths or half time GA or RA.

An international student or a student on a temporary visa to the USA CANNOT enroll as a non-degree student.

The evaluations of and decisions about international student applications by the Jackson College of Graduate Studies and Research are final.

The international student must meet the deadline dates for both the program and international application as listed in the Graduate Catalog.

International students applying for Assistantships or clerical employment must have a Social Security number and obtain clearance from the International Office regarding their eligibility for employment.

A non-degree student can change student status to degree seeking only after one full year of graduate enrollment as a non-degree student. Exceptions are approved by the Graduate Dean.

Non-degree students when admitted to a program can transfer only nine hours of graduate credit earned on non-degree status.

Non-degree students do not qualify for financial aid.

Graduate students who have not enrolled for graduate courses for one year must apply for readmission to the Graduate College and must satisfy the program requirements at the time of readmission.

A graduate student will be allowed only one intersession class per semester with a total of three intersession classes per academic year. Only three hours of intersession credit are allowed per semester. During summer, a student may enroll in one intersession course and 6 hours each in each of the two block courses. Summer overload requests will not be permitted.

Anyone who is not pursuing a graduate degree, who wishes to obtain graduate credit for a course, workshop or seminar must be admitted to the Jackson College of Graduate Studies & Research by submitting an application and qualifying transcript with the degree posted and minimum GPA of 2.50 before being accepted.

All entering graduate students must provide a Plan of Study to the Jackson College of Graduate Studies and Research before the end of the first semester of their graduate enrollment.

Graduate student admission to the Forensic Science Graduate Program is restricted to the Fall semester only.

Students on "academic probation" can enroll only for nine graduate hours while on probation.

Students who are on "academic suspension" can enroll only in undergraduate courses and cannot enroll in graduate courses for at least 16 weeks. A student applying for readmission after suspension must meet with the program/graduate advisor and the advisor must recommend readmission before the student can be reinstated after suspension.

Students who are "suspended" must apply in writing for readmission to the Jackson College of Graduate Studies and Research for consideration by the Admission and Retention Committee of the Graduate Council within 30 days of receiving their suspension notification.

Students dismissed from the Jackson College of Graduate Studies and Research after one academic suspension and who are rejected for readmission are not eligible to enroll in any graduate program at UCO.

Students readmitted to the Jackson College of Graduate Studies and Research after one academic suspension continue to be on academic probation. Subsequent suspension from the Jackson College of Graduate Studies and Research results in dismissal, and students are not eligible to enroll in any graduate program at UCO.

All students who have completed the requirements for graduation must apply for graduation. The application form must be submitted to the Jackson College of Graduate Studies and Research, and a fee of $35.00 must be paid to the Bursar’s office, on or before the date listed in the course schedule. Failure to do so will result in the students graduating in the following semester.

Deadlines for applying for graduation are:

Fall Graduation September 15
Spring & Summer Graduation February 15

Selected programs may admit students on a conditional basis. See page 19 for more information on Conditional Admission Status.
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Graduate Programs and Advisors

**College of Arts, Media & Design**

**Master of Fine Arts (M.F.A.)**

*Design - 1600*

Dr. James Watson  
A&D 107, 974-5212, jwatson@ucok.edu

**Master of Music (M.M.)**

*Music - 1610*

Dr. Ron Howell  
MUS 225, 974-5752, rhowell@ucok.edu

CAMD non-degree Code - 1999

**College of Business Administration**

**Master of Business Administration (M.B.A.)**

*MBA program - 2600*

Ms. Dawna Terrell  
Business 100F, 974-2422, dterrell@ucok.edu

CBA non-degree code - 2999

**College of Education**

**Director of Graduate Programs**

Stephanie Green  
EDU 205, 974-5105, sgreen@ucok.edu

**Master of Education (M.Ed.)**

*Adult Education*

**COMMUNITY SERVICE - 3680**

Dr. Gayle Kearns  
HES 200D, 974-5802, gkearns@ucok.edu

**GERONTOLOGY - 3681**

Dr. Doug Reed  
HES 200A, 974-5803, dreed@ucok.edu

**Bilingual Education/TESL - 3702**

Dr. April Haulman  
LIB 144, 974-5139, ahaulman@ucok.edu

**Early Childhood Education - 3630**

Dr. Paulette Shreck  
LIB 145, 974-5721, pshreck@ucok.edu

Dr. Lola Davis  
LIB 142, 974-5721, ldavis@ucok.edu

**Education Administration - 3600**

Dr. Cheryl Kelsey  
LIB 124, 974-5448, ckelsey@ucok.edu

6 Master’s Degrees, 23 areas, 47 options

*Educational Guidance & Counseling - 3610*

Dr. Jerry Chandler  
LIB 128, 974-5290, jchandler@ucok.edu

*Elementary Education - 3640*

Dr. Tim Campbell  
LIB 143, 974-5319, tcampbell@ucok.edu

Dr. Pamela Kuzminski  
LIB 139, 974-5137, pkuzminski@ucok.edu

*General Education - 3700*

Dr. Gayle Kearns  
HES 200D, 974-5802, gkearns@ucok.edu

*Instructional Media*

**APPLIED TECHNOLOGY - 3621**

Dr. Jill Rooker  
LIB 129, 974-5885, jrooker@ucok.edu

Dr. Pat Patterson  
LIB 132, 974-5888, ppatterson@ucok.edu

Dr. Judith Wakefield  
LIB 130, 974-5886, jwakefield@ucok.edu

*Professional Health Occupations - 3690*

Dr. Karen Barnes  
HES 200E, 974-5334, kbarnes@ucok.edu

*Reading - 7340*

Dr. Mary Monfort  
LIB 315, 974-5711, mmonfort@ucok.edu

*Secondary Education - 3701*

Dr. Bryan Duke  
LIB 315, 974-5431, bduke@ucok.edu

Dr. John Westerman  
LIB 315, 974-5427, jwesterman@ucok.edu

*Special Education*

**MILD-MODERATE - 3721**

(A-I)  
Dr. Ed Collins  
LIB 315, 974-5269, ecollins@ucok.edu

(J-R)  
Dr. Donna Kearns  
LIB 315, 974-5285, dkearns@ucok.edu

(S-Z)  
Dr. Terry Spigner  
LIB 315, 974-3489, tspigner@ucok.edu

*SEVERE-PROFOUND - 3722*

Dr. C. Myles-Nixon  
LIB 315, 974-5281, cmyles@ucok.edu
Graduate Programs and Advisors

**Master of Arts (M.A.) College of Education (cont’d)**

*Psychology*
- **Counseling** -3710
  - Psychology Department
  - ED 307, 974-5707
- **General Experimental** -3711
  - Psychology Department
  - ED 307, 974-5707
- **School Psychology** -3712
  - Dr. Peggy Kerr
  - ED 307, 974-5477, pkerr@ucok.edu

**Master of Science (M.S.)**
- **Family and Child Studies** -3650
  - Dr. Kaye Sears
  - HES 100D, 974-5786, ksears@ucok.edu
- **Nutrition-Food Management** -3660
  - Dr. Marilyn Waters
  - HES 100B, 974-5805, mwaters@ucok.edu
- **Speech/Language Pathology** -3730
  - Dr. Scott McLaughlin
  - LIB 315, 974-5297, smclaughlin@ucok.edu

**Wellness Management**
- **Health Studies** -3671
- **Exercise Science** -3670
  - Dr. Gerry Pinkston
  - WH 11, 974-5259, gpinkston@ucok.edu

**Certification**
- **Teacher Certification**
  - Mr. Bill Deering
  - ED 207, 974-5710, bdeering@ucok.edu

**School Psychologist or School Psychometrist**
- Dr. Peggy Kerr
- ED 307P, 974-5477, pkerr@ucok.edu

Education non-degree code -3999

**College of Liberal Arts**

**Master of Arts (M.A.)**
- **Criminal Justice** -5630
  - Dr. Sid Brown
  - LA 201B, 974-5271, sibrown@ucok.edu

**Master of Arts (M.A.) College of Liberal Arts (cont’d)**

*English*
- **Composition** -5600
- Contemporary Literature -5601
- Creative Writing -5602
- Teaching English as a Second Language -5603
- **Traditional Studies** -5604
  - Dr. Amy Carrell
  - LA 101C, 974-5609, acarrell@ucok.edu

**History**
- **General** -5610
- Museum Studies -5611
- **Social Studies Teaching** -5612
  - Dr. Stanley Adamiak
  - LA 204E, 974-5451, sadamiak@ucok.edu

**Political Science**
- **General** -5620
- International Relations -5621
- **Public Affairs** -5622
  - Dr. Jan Hardt
  - LA 104E, 974-5840, jhardt@ucok.edu

Liberal Arts non-degree code -5999

**College of Mathematics & Science**

**Master of Science (M.S.)**
- **Applied Mathematical Science**
  - Computer Science -6620
  - Mathematics -6621
  - Statistics -6622
  - **Math/Computer Science Teaching** -6623
    - Dr. Charlotte Simmons
    - MCS 133, 974-5316, cksimmons@ucok.edu

**Biology** -6600
- Dr. Jenna Hellack
- H 200D, 974-5774, jhellack@ucok.edu

**Engineering Physics** -6630
- Dr. Weldon Wilson
- H 221, 974-5470, wwilson@ucok.edu

**Forensic Science**
- **Criminalistics** -6610
- Nursing -6611
- **Technical Investigations** -6612
  - Dr. Robert Bost
  - H 320E, 974-5519, rbost@ucok.edu

Math & Science non-degree code -6999
In 1954, UCO's graduate program began when the Oklahoma State Regents for Higher Education gave permission to offer the Master of Teaching Degree (changed to Master of Education in 1969). The first meeting of the Fifth Year Council (later to be known as the Graduate Council) was February 18, 1954 with Dr. W. Max Chambers presiding. Dr. E. C. Hall was designated as Director of the program.

Dr. E. C. Hall guided the Graduate College from 1954 to 1970. Upon his retirement in 1970, Dr. Bill E. Fisher became Graduate Dean and served until 1984. After his retirement, Dr. John Michael Knight became Dean of the Graduate College and served through 1985. Dr. Knight returned to the classroom and was replaced by Dr. Paul Lehman, who served until 1988, when he also returned to the classroom.

Dr. George Avellano served as Dean until 1996.

The position of Assistant Graduate Dean was established in 1992, under Dr. Avellano. The new Assistant Graduate Dean, Dr. S. Narasinga Rao, was to assume primary responsibility for the enhancement of campus research.

In 1996, Dr. Avellano was replaced by Dr. Fred Grosz, who agreed to become Interim Graduate Dean until a permanent dean took the reins. Dr. Clyde Jacob became Graduate Dean in 1998, and served until July, 2000, when he left to undertake special projects in the Office of Academic Affairs.

Dr. S. Narasinga Rao, Dean of Sponsored Research and Grants, became the Dean of the College of Graduate Studies and Research in 2000. Dr. William Radke assumed the post of Assistant Dean of the College. The College was renamed in April, 2002, to honor Dr. Joe C. Jackson, Vice President for Academic Affairs from 1951-1976. On July 1, 2002, Dr. Radke became Associate Vice President of Academic Affairs. Dr. Dan Endres assumed the post of Associate Dean of the Jackson College of Graduate Studies and Research. Dr. Dana Craig began serving as Assistant Dean, and Ms. Gerry Cherry was appointed Director of Grants. In January, 2003, Dr. Endres returned to the classroom. In July, 2003, Dr. Craig also returned to the classroom. Dr. John Garic assumed charge as the Associate Dean on July 1, 2003. Dr. John Barthell joined JCGS&R as Assistant Dean effective February 1, 2004.

**Belief Statement**

**DR. JOE C. JACKSON COLLEGE OF GRADUATE STUDIES AND RESEARCH**

The Dr. Joe C. Jackson College of Graduate Studies and Research believes graduate programs must provide a rigorous academic challenge, raise global awareness among scholars, and promote development of research skills in a highly personalized setting.

**Specifics of the mission:**

In its research mission, the Jackson College of Graduate Studies & Research acts as an outspoken champion for research by creating a welcoming environment, supporting research initiatives and facilitating the integration of research as a teaching tool. The college serves as a liaison between faculty, students, business, industry and funding agencies by assisting with external grants, internship and fellowship opportunities. The College secures funds through institutional grants to the university and promotes collaborative efforts with other universities, organizations, business and industry.

The Jackson College of Graduate Studies & Research encourages student participation in research creative and scholarly activities by providing a strong link between research and education. The College encourages, develops, recognizes and rewards individuals who balance and combine research and education via incentive awards and colloquia.

In its graduate program mission the College coordinates six (6) Masters degrees covering 23 areas with 47 different options available in the academic colleges. The College supports a community of scholars comprised of graduate faculty and students with the purpose of advancing knowledge through instruction, research and public service.

The Jackson College of Graduate Studies & Research supports the University's commitment to academic inquiry, excellence in teaching, and community service, consistent with the policies of the Board of Regents of Oklahoma Colleges.
Governing Boards and Presidents

Oklahoma State Regents for Higher Education

Dr. Paul G. Risser, Chancellor
Marlin “Ike” Glass, Jr., Chairman . . . . . . . Newkirk
James D. “Jimmy” Harrel, Vice-Chairman ..... Leedey
Joseph E. Cappy, Secretary . . . . . . . . . Tulsa
Cheryl P. Hunter, Assist. Secy. ............ Oklahoma City

UCO Presidents

Richard Thatcher ..................................... 1891 - 1893
George W. Winans ..................................... 1893 - 1894
E.R. Williams ........................................ 1894 - 1895
E.D. Murdaugh ........................................ 1895 - 1901
F.H. Umholtz .......................................... 1901 - 1906
T.W. Butcher ........................................... 1906 - 1908
James A. McLaughlin .............................. 1908 - 1911
Charles Evans ......................................... 1911 - 1916
Grant B. Grumbine ..................................... 1916 - 1917
J.W. Graves ........................................... 1917 - 1919

John G. Mitchell ...................................... 1919 - 1931
M.A. Beeson ........................................... 1931 - 1935
John O. Mosley ........................................ 1935 - 1939
Roscoe R. Robinson ................................. 1939 - 1948
W. Max Chambers .................................... 1948 - 1960
Garland Godfrey .................................... 1960 - 1975
Bill J. Lillard .......................................... 1975 - 1992
George Nigh ......................................... 1992 - 1997
W. Roger Webb ....................................... 1997 -

Statement of Administrative Policy, UCO

The President and staff of the University of Central Oklahoma reaffirm the policy as set forth in the previous statements of Compliance with Title VI of the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, that no discrimination on the grounds of race, color, religion, sex, age, national origin, handicap, disability, or status as a veteran will exist in any area of the University.

The policy statement further reaffirms commitment of continuing and expanding positive programs which will assure the strengthening of this policy not only to the legal requirements of compliance but also to further employment opportunities and promotions for all ages, minorities, veterans, handicapped individuals, and women. The President of the University of Central Oklahoma assures that this commitment will embrace the development and maintenance of our Affirmative Action Compliance Program which will involve necessary additional efforts with respect to the recruitment, selection, placement, termination, training, and promotions of all employees and with respect to personnel action such as compensation, benefits, transfers, layoffs, return from layoffs, education, tuition assistance, recreation programs, and other appropriate programs.

No institutional policies are in effect at the University of Central Oklahoma that knowingly deviate, in wording or intent, from the above stated administrative policy.

This catalog has been prepared for the benefit of the University of Central Oklahoma community and others wishing to know more about the University’s programs and activities. The officers of the University believe the information contained herein is accurate as of the date of publication. In the best interest of the University of Central Oklahoma community, academic programs are kept relevant by continuous revision of curricula, and the University reserves the right to modify any provision of its policies, procedures, regulations, or other matters, without prior notice, to conform with policies and practices as approved by the appropriate University officers or state officials.
Executive and Academic Officers

Executive Officers
W. Roger Webb, J.D. .................................................. President
Don Betz, Ph.D ................................................ Provost and Vice President for Academic Affairs
Steve Kreidler, B.S ................................................ Vice President, Administration & Finance
Kathryn Gage, Ph.D ................................................ Vice President, Student Services
Cynthia Rolfe, Ph.D ................................................ Vice President, Information Technology

Academic Officers
S. Narasinga Rao, Ph.D. ............ Dean, Jackson College of Graduate Studies & Research
John Garic, J.D. ........... Associate Dean, Jackson College of Graduate Studies & Research
John Barthell, Ph.D. ........... Assistant Dean, Jackson College of Graduate Studies & Research
Christopher Markwood, Ph.D. ........... Dean, College of Arts, Media & Design
Karen Carter, Ph.D. .................. Associate Dean, College of Arts, Media & Design
Lon Dehnert, Ph.D. .................. Assistant Dean, College of Arts, Media & Design
Michael R. Shirley, Ph.D. ............ Interim Dean, College of Business Administration
Timothy Bridges, Ph.D. .................. Associate Dean, College of Business Administration
John Camey, Ph.D. .................. Assistant Dean, College of Business Administration
Judith A Coe, Ed.D. .................. Dean, College of Education
Pamela Fly, Ph.D. .................. Associate Dean, College of Education
Donna Cobb, Ph.D. .................. Assistant Dean, College of Education
Pamela Washington, Ph.D. ............ Dean, College of Liberal Arts
Dan Donaldson, Ph.D. ............ Associate Dean, College of Liberal Arts
Gary A. Steward, Ph.D. ............ Assistant Dean, College of Liberal Arts
William Caire, Ph.D. ............ Dean, College of Mathematics & Science
Melinda Henderson, Ed.D. ............ Associate Dean, College of Mathematics & Science
Bonnie McNeely, Ph.D. ............ Executive Director, Max Chambers Library

Graduate Council
Chair, Dr. S. Narasinga Rao, Dean, Jackson College of Graduate Studies and Research

Admissions & Retention Committee
Dr. William Hommel (2004)
Dr. Nancy McClure (2005)
Dr. Jill Rooker (2004)
Dr. Jere Roberson (2006)
Dr. Clark Ovrebo (2006)
Dr. Brent Wendling (2004)

Membership Committee
Dr. Warren Dickson (2004)
Dr. Gerry Pinkston (2006)
Dr. Stanley Adamiak (2005)
Dr. F. N. Albahadily (2006)
Dr. John Garic (2006)

Curriculum Committee
Dr. Jim Watson (2004)
Dr. Ralph Parrish (2006)
Dr. Shirley Larson (2005)
Dr. James Mock (2004)
Dr. David Bass (2006)
Dr. Charlotte Simmons* (2004)

Ex officio:
Dr. Ed Cunliff, Liaison for Academic Affairs
Ms. Nicole Willard, Liaison for University Libraries
Dr. Freeta Jones, Liaison for AAUP

*Faculty Senate Representative
Department Chairs

College of Arts, Media and Design
Art ......................................................................................................................... Joseph Daun
Design ................................................................................................................ Dr. James R. Watson
Music (School of) ................................................................................................. Kathleen Wilson
Theatre, Dance and Media Arts ............................................................................ (Interim) Dr. Robert McGill

College of Business Administration
Accounting ......................................................................................................... Dr. Katherene Terrell
Economics .......................................................................................................... Dr. Joseph Johnson
Finance .............................................................................................................. Dr. Randal Ice
General Business ............................................................................................. Dr. Michael Shirley
Information Systems and Operations .................................................................... Dr. Lisa Miller
Management ........................................................................................................ Dr. K. J. Tullis
Marketing .......................................................................................................... Dr. Stacia Wert-Grey
Military Science ................................................................................................... Lt. Col. Stuart Jolly

College of Education
Advanced Professional Services .......................................................................... Dr. Cheryl Kelsey
Curriculum & Instruction .................................................................................. Dr. Paulette Shreck
Human Environmental Sciences ........................................................................ Dr. Tana Stufflebean
Kinesiology and Health Studies ......................................................................... Dr. Donna Cobb
Occupational & Technology Education ............................................................. Dr. Gayle Kearns
Professional Teacher Education ......................................................................... Dr. John Westerman
Psychology ......................................................................................................... Dr. Michael Knight
Special Services .................................................................................................. Dr. Barbara Green

College of Liberal Arts
Communication .................................................................................................... Dr. Keith Swezey
English ............................................................................................................... Dr. Mary Spelman
History & Geography ........................................................................................ Dr. Kenny Brown
Humanities & Philosophy .................................................................................. Dr. Stephen Law
Journalism .......................................................................................................... Dr. Terry Clark
Modern Languages, Literatures, and Cultural Studies ..................................... Dr. Rudolf Nollert
Political Science ................................................................................................ Dr. Greg Scott
Sociology, Criminal Justice, and Substance Abuse Studies ............................. Dr. David Ford

College of Mathematics and Science
Biology ............................................................................................................... Dr. Jenna Hellack
Chemistry .......................................................................................................... Dr. Cheryl Frech
Computing Science .......................................................................................... Dr. Bill McDaniel
Funeral Service ................................................................................................ Dr. Chris Burkey
Mathematics & Statistics .................................................................................. Dr. Charles Cooper
Nursing ............................................................................................................... Interim, Ms. M. Linda Steele
Physics and Engineering .................................................................................... Dr. Ronald Miller

Jackson College of Graduate Studies and Research
Director of Grants .............................................................................................. Ms. Gerry Cherry
Introduction to UCO
Introduction to UCO

Academic Resources

The University offers assistance to strengthen academic skills through various academic and computer laboratories on campus.

The Academic Support Center, located in Thatcher Hall, Room 106, offers computer tutorials supporting general education classes, as well as Math, and English tutors.

Accreditation

The University of Central Oklahoma is accredited by the Higher Learning Commission, formerly the North Central Association of Colleges and Schools and by the National Council for the Accreditation of Teacher Education for the preparation of elementary and secondary teachers and school service personnel as a bachelor’s and master’s degree granting institution.

BBA and MBA degree programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

The M.A. in Psychology is accredited by the North American Association of Masters in Psychology (NAMP) and hold membership in the Council of Applied Master’s Programs in Psychology (CAMPP).

In addition, the University is affiliated with the American Association of Colleges for Teacher Education, the Association of Teacher Education Institutions, the American Association of University Women, the American Council on Education, the North Central Conference on Summer Schools and the State Board of Education.

Specialized accreditation has been granted by the National League for Nursing, and the American Chemical Society.

The Speech-Language Pathology program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

The School of Music is accredited by the National Association of Schools of Music.

Credits received in courses taken in residence at the University of Central Oklahoma are normally transferable at full value to other accredited colleges or universities.

Campus and Buildings

From an original grant of 40 acres, the campus is currently 210 acres, located four blocks east of the business district of Edmond. Please see map, inside back cover of this catalog, for building locations.

Computer Labs

Computer labs for student use are listed as follows:

Cyber Cafe, Second floor of Nigh University Center, College of Arts, Media & Design--Music computers, Jazz Lab Building, 100 E. 5th Street, Edmond, OK. between Littler and Boulevard Streets. Art labs, Art building, Multimedia Presentation lab, Art Building, Room 107;

Academic Resources – Family Education Rights

College of Business Administration, Business Building, Rooms 109 and 111;
College of Education, Education Building, Rooms 110 and 112; and in Evans Hall, Room 007;
College of Liberal Arts, Liberal Arts Building: Foreign Language and Mac Lab, Room 223; Student lab, Room 119; Journalism lab, Room 215;
College of Math and Science, Math and Computer Science Building: Room 100; Computing Science, Room 119; three locations in Howell Hall, in the departments of Biology, Chemistry and Physics.
Information Technology, Max Chambers Library, 1st floor, SE Corner;
Information Technology Terminal Rooms, Math/Computing Science Building, Rooms 121 and 126;
Reading lab, Max Chambers Library.

For more information regarding these labs please contact the Academic Support Center, located in Thatcher Hall, Room 106 or call 974-2520.

Family Educational Rights and Privacy Act

Public Directory Information and Student Access to Official Educational Records

The University of Central Oklahoma designates the following student information as public or directory information:

Category I—Student’s name, local and permanent address, e-mail address, home number(s), classification, dates of attendance at UCO, enrollment status (full time, half time, or less than half time).

Category II—Major field of study/degree program, educational institutions previously attended, degrees and awards granted, educational background degree(s) held and dates granted and institutions granting such degree(s).

Category III—Date and place of birth, participation in officially recognized organizations, activities and sports weight and height of participants in officially recognized sports.

This information may be disclosed by the institution for any purpose, at its discretion.

Students may withhold disclosure of any or all categories of directory information under the Family Educational Rights and Privacy Act of 1974. Forms requesting the withholding of “Directory Information” are available in Enrollment Services, NUC 124.

The University of Central Oklahoma assumes approval for disclosure unless a student specifically requests the withholding of “Directory Information”.

In accordance with the Family Educational Rights and Privacy Act of 1974, it is the policy of the University to release personally identifiable information from the educational records of a student, without written consent, to university officials, i.e. faculty, staff and agents of the University having responsibility for working with that student in admissions, registration, advisement, counseling, teaching, financial aid, payment of fees or any other activity di-
Introduction to UCO

Family Educational Rights & Privacy Act of 1974: Notice

In accordance with the Family Educational Rights and Privacy Act of 1974, as amended, eligible students are entitled to access official educational records directly related to the student, including the right of inspection and review.

For records kept in Enrollment Services, requests for access should be directed to Enrollment Services in accordance with University regulations. (Parents of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954 are entitled to access to official educational records of that student.)

Family Educational Rights and Privacy Act of 1974 - Access Rights

The right of access shall include:

A. The right to be provided a list of the types of educational records maintained by the institution and directly related to students;
B. The right to inspect and review the content of those records;
C. The right to obtain copies of those records, which may be at the expense of the eligible student or parent. Parents of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954 are entitled to access to official educational records of that student;
D. The right to a response from the institution to reasonable requests for explanations and interpretations of those records;
E. The right to an opportunity for a hearing to challenge the content of those records under subpart III of this part; and
F. The right to inspect and review or to be informed of specific information about themselves which is contained in any material or document on more than one student.

Financial Aid for Graduate Students

Service Representatives are available for assistance with general financial aid needs. Service Counselors are available for in-depth assistance in obtaining financial aid.

Family Educational Rights–Financial Aid for Graduate Students

The UCO Office of Student Financial Aid is located in Room 141 of the Nigh University Center. A full-time staff is available to assist students needing further information. Call (405) 974-3334, or FAX (405) 340-7658.

Students’ Rights and Responsibilities Regarding Financial Aid

Rights - each student has the right to ask a school:
A. What is the cost of attending, and what is the policy on refunds to students who drop out?
B. What financial assistance is available?
C. What are the procedures and deadlines to submit applications for each available financial aid program?
D. What criteria is used to select financial aid recipients?
E. How does a school determine financial need?
F. How and when do students actually receive the aid?
G. When a student has been turned down for financial aid, will the school reconsider if a student’s financial circumstances have changed?
H. How does the school determine whether the student is making satisfactory progress, and what happens if he is not?
I. To explain each type and amount of assistance in the financial aid package.

Responsibilities - it is the student’s responsibility to:
A. Review and consider all information about a school’s programs before enrolling;
B. Complete the financial aid application accurately, and submit it on time to the right place. Errors can delay or prevent a student’s receiving aid;
C. Meet all deadlines for applying or reapplying for aid;
D. Provide all additional documentation, verification, corrections, and/or new information requested by either the financial aid office or the agency to which the application was submitted;
E. Read, understand, and keep copies of all forms the student is asked to sign;
F. Comply with the provisions of promissory notes and other agreements the student signs;
G. Notify the school and financial aid agencies of changes in name, address, or attendance status (half-time, three quarter-time, or full-time);
H. Satisfactorily perform the work agreed upon in a Federal Work Study job;
I. Understand the school’s refund policy.

Eligibility

General eligibility requirements for the federal programs include being a citizen or permanent resident of the U.S., being enrolled at least half-time seeking a degree or certificate in an eligible program at UCO, and not being in default or owing a repayment to any federal program.
Introduction to UCO

In order to determine funding levels, aid applicants are classified as graduate or undergraduate students. For financial aid purposes, post baccalaureate is defined as any student who has a prior undergraduate degree. All other students are classified as undergraduates. Students who are concurrently enrolled in both graduate and undergraduate classes within any given semester or are enrolled in remedial courses will need to consult with a Service Counselor to confirm that all of these hours may be used to determine their funding level.

Financial Aid Application Procedures and Deadlines

Students are advised to apply as soon after January 1 as possible for best consideration for all aid programs.

Important Dates & Deadlines
April 30 - Oklahoma Tuition Aid Grant deadline
May 31 - UCO Early Processing Deadline for following Fall semester. (Applicants whose FAFSA is processed by this deadline will receive an award notification prior to the end of June.)

General Eligibility Requirements

In order to be considered for Federal & State financial aid students must complete the FAFSA and meet certain eligibility requirements. Some of these requirements are listed below:

1. Be a citizen or eligible non-citizen of the United States.
2. Be enrolled or accepted for enrollment as a regular student in a degree or certificate program at UCO.
3. Must not be in default or owe a repayment to any federal program.
4. Meet UCO Satisfactory Academic Progress requirements.

Cost of Attendance

The Cost of Attendance is used to determine the maximum amount of funding you are eligible to receive. Please note these costs may vary from school to school. The Cost of Attendance includes allowances for Tuition & Fees, Room & Board, Books, and miscellaneous needs for the period you are requesting assistance. The allowance for Room & Board may vary depending on where a student lives while attending college (Off-Campus, On-Campus, or with Parents). The tuition allowance will be based upon enrollment status (Full, Three-quarter, or part-time). For planning purposes the following three budgets are offered as estimates of reasonable expected expenses:

Oklahoma Resident - Graduate

<table>
<thead>
<tr>
<th></th>
<th>Off Campus</th>
<th>On Campus</th>
<th>With Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees</td>
<td>2040</td>
<td>2040</td>
<td>2040</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>6200</td>
<td>4104</td>
<td>1750</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>4000</td>
<td>3000</td>
<td>3000</td>
</tr>
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<td>Total</td>
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Non-Resident - Graduate

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<th>On Campus</th>
<th>With Parents</th>
</tr>
</thead>
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<td>4830</td>
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<td>Books &amp; Supplies</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>6520</td>
<td>4104</td>
<td>1750</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>5000</td>
<td>4000</td>
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</tr>
<tr>
<td>Total</td>
<td>17150</td>
<td>13734</td>
<td>11380</td>
</tr>
</tbody>
</table>

Changes in enrollment or address while in school can significantly affect your eligibility, and may require funds to be repaid. The Financial Aid office can identify enrollment changes, however it is the student’s responsibility to notify the Financial Aid office if the student address changes.

Types of Aid Programs

UCO participates in the following Federal and State Programs that are available to eligible graduate students: Perkins Loan (PERK), Federal Family Education Loan (FFEL), Federal Work-Study (FWS), and the Oklahoma Tuition Aid Grant (OTAG). More detailed information about these programs can be found in the Federal Student Guide. This guide is available in the Student Financial Aid Service Center or on our website at http://www.ucok.edu/finaid. Prospective students are urged to become familiar with these programs and how they may assist students in financing their education.

Information/Communication Services

Applicants may visit the Service Center without an appointment and receive general assistance, obtain application materials, and drop off documents. Counselors are available by referral from the Service Center for more technical assistance. Applicants are advised to obtain a UCO Student I.D. card. Access to financial aid records will be denied without this form of identification.

Beginning in February of each year, Student Financial Aid staff members will be available to assist applicants in completing their applications. They offer informational sessions intended to provide helpful information and financial aid updates throughout the year. Specific announcements of these events will be posted on the web, around campus and in the student newspaper.

Self Service Options

Telephone Access - Students may call (405) 974-3334 during office hours or they can call the automated system at 1-800-599-2145. The fax number is (405) 340-7658.

Web Access – Students may log in to UCONNECT, From the School Services Tab, select Broncho Central Services and then select Student and Financial Aid Records.

Forms Outlet/Drop box - Various forms and applications are available in the self-service area located outside the Student Financial Aid Office.
# Introduction to UCO

**Media Room** – This computer lab is available to students who would like to gain access to the Internet to electronically apply for aid and/or complete loan Entrance and Exit Counseling.

See [http://bronze.ucok.edu/finaid/applyaid.htm](http://bronze.ucok.edu/finaid/applyaid.htm) for more information on applying for financial aid, or visit the Student Financial Aid Office on the first floor of the Nigh University Center.

**Disbursement of Aid**

For purposes of receiving assistance at UCO, the *disbursement* refers to the date funds are sent to UCO. *Release* which is generally one week later, refers to the date funds are released to you. If the award includes scholarship and grants, these funds will be applied to your account when you enroll.

Awards restricted to cover tuition will be applied before any unrestricted awards are accessed. Unrestricted awards may be used as credit at the bookstore beginning three weeks before classes start through the end of the add/drop period. Remaining funds will be released later in the semester, unless the award source indicates otherwise.

Federal and state funds, which include Pell, SEOG, OTAG, Stafford, and Perkins loan funds in excess of direct cost to the University (tuition/fees and full housing), are released beginning the first day of classes. Therefore, bookstore credit cannot be provided for these programs. To be eligible to receive funds on the first day of classes, applicants must be enrolled and award notice received at least two weeks before the first day of classes.

After the initial first day release period, funds will be made available on a weekly basis, generally Mondays, if applicants were enrolled and awarded by the close of business the previous Monday. Changes in enrollment after aid has been awarded may constitute a re-evaluation of eligibility that could warrant repayment in certain programs. Direct deposit is a highly recommended option for release of funds. If interested, please contact the Bursar’s office for more details. Applicants will need to secure a valid UCO I.D.

**Satisfactory Academic Progress—Financial Aid**

The Office of Student Financial Aid will review academic progress at the end of each semester. You can review a copy of the policy governing monetary eligibility on our website at [http://www.ucok.edu/finaid](http://www.ucok.edu/finaid).

**Repayment**

A student who withdraws from the university may owe a pro-rated repayment for federal financial assistance received for that semester. The amount of the repayment will be contingent on the time of withdrawal and the amount of assistance received. If the student received a student loan any time, he must be prepared to do an exit interview. At the time of withdrawal, aid recipients should contact the Student Financial Aid Office.

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### Financial Aid—Disbursement of Aid

#### Living accommodatons

**I.D. Cards**

All entering students must have an identification (I.D.) card issued the first semester of enrollment and used while the student is enrolled in classes at UCO. Students must show the I.D. card when conducting business on campus. The card also entitles the bearer to discounts at area movie theaters and other community businesses. Students are charged the $10.00 I.D. fee at first enrollment, to be paid at the Bursar’s counter. I.D. Cards may be obtained in the Nigh University Center, Room 128.

**Information Technology**

The Office of Information Technology directs the departments of Computing Services, Consulting, and Telecommunications to offer students a wide range of services to enhance their education. Free computer applications training is available for students to learn how to use the campus e-mail system and other popular software. The Computer Help Desk, ext. 2255, answers questions regarding software usage, including telephone support for troubleshooting when setting up a modem for dial-in access from home.

**Liability and Responsibility Notice**

Whether enrolled in an on-campus class or in a UCO internship, practicum, course or activity involving domestic or foreign travel, you are responsible for your own medical treatment and are liable for your own actions. In the event of your injury or illness while participating in a UCO sponsored activity, UCO cannot approve a claim for treatment or reimbursement. Information on insurance is available in the Office of the Vice President for Student Services. Also, a number of reasonably priced insurance policies are available from the private business sector. We strongly encourage you to invest in the appropriate coverage.

**Living Accommodations**

University owned housing is maintained for the convenience of both married and single students. Full-time students who are married and/or graduate students may apply for apartment housing. Murdaga Hall is an upper class and graduate student study-intensive dormitory.

For our students with families, the Broncho apartment complex consists of 134, two bedroom apartments. Each complex has a playground, laundry room and common area. The Family/Graduate Apartments are located close to campus for convenience and are reserved for full-time married and graduate students currently pursuing a degree.

The University Commons offer two-bed and four-bed fully furnished apartment units. A clubhouse is located on-site for the convenience and comfort of the residents. Each resident has a private bedroom equipped with local phone service, high-speed Internet access and cable TV jacks.
All residence halls are smoke-free. All residence hall rooms are cable television ready and students may contract with the local cable company for services. Each student room is provided with local phone service; however, the resident will need to furnish a touch-tone phone. After check-in, mailboxes will be assigned at the United States Postal Contract Station in the Nigh University Center.

The University has several meal plans and dining facilities from which to choose. Central Cafeteria, is connected to West Hall with a covered walkway. The Food Court, Convenience Store, and Legends restaurant are located on the second floor of the Nigh University Center.

**Location**

The University of Central Oklahoma is located in Edmond, Oklahoma, on the northern edge of the greater Oklahoma City metropolitan area, near the state capitol, making it immediately convenient to all the social, cultural, and entertainment advantages of Edmond and Oklahoma City.

The University of Central Oklahoma offers live theater, opera, classical concerts, modern dance recitals, Broadway revues and world-renowned guests to the UCO campus. Students may take advantage of these cultural opportunities for a modest price by showing their student IDs.

Edmond is five miles north of the Oklahoma City end of the Turner Turnpike, on Interstate 35. I-235, commonly called the Broadway Extension, connects the University to Oklahoma City, only minutes away.

**Parking**

A student who plans to park his/her vehicle on campus must display a parking permit. A current License Plate number is required to purchase a parking permit. Students may purchase permits annually, by the semester or a temporary permit may be purchased for a week. Students may purchase the parking permit from the Transportaiton and Parking Services Office, located in the Nigh University Center, Room 309.

**Scholarships**

**Department Scholarships**

Many academic departments at UCO offer scholarships to students majoring in those areas who display financial need, exceptional scholastic ability or talent in a particular area. Please contact the individual departments for more information.

**Senior Citizens**

A waiver of tuition and fees is available for senior citizens age 65 and older who want to audit college courses. For more information, contact the Office of Prospective Student Services/Scholarships at (405) 974-2727.

**Student Services**

The goal of the Division of Student Services is to help each student effectively deal with all of the options available and to find their own place within the academic community. Students at the University of Central Oklahoma are considered as unique human beings with specific goals, needs, concerns, and desires. Student services are designed to supplement the classroom experience and enrich the quality of campus life.

Students are invited and encouraged to consult with personnel in any of the Student Services' units. By doing so, students will make an easier adjustment to college life and gain maximum benefit from their college experience.

The component units of the Division of Student Services reporting to the Vice President for Student Services are: Career Services, Counseling Services, International Student Services, Multicultural Student Services, Prospective Student Services/Scholarships Residence Life, Student Activities, Student Health Center, Testing Services, Y-Chapel of Song. Some of these services are explained below.

**The Writing Center**

The Writing Center offers free writing tutoring to all undergraduate and graduate students. To schedule an appointment, students should call 974-2520 or visit Thatcher Hall, Room 106. Appointments are 30 minutes in length and a student may schedule up to two appointments a week.

In the Writing Center, students will receive help during any stage of the writing process: brainstorming, outlining, rough and final drafts, and revisions.

The Academic Support Center also offers other services including the following: math tutoring, preparation for the GMAT, GRE, CPT, PPST as well as the ACT and SAT, campus conversation groups, study skills resources and workshops. For more information, check the website at www.asc.ucok.edu.

**Counseling Center**

The University of Central Oklahoma’s Counseling Services, Room 402, Nigh University Center, is designed to aid students in coping more effectively with academic, career and personal concerns. Services available include: personal counseling, support groups, academic support, and substance abuse issues. A staff of counselors provides a full range of short-term developmental counseling services. The Center is open weekdays, 8 a.m.-5 p.m. Appointments are scheduled in advance. Emergencies will be seen as soon as possible. Schedule by telephone (405) 974-2215.
### Multicultural Student Services

The University of Central Oklahoma has a commitment to meet the special needs of its students of color (African American, American Indian, Asian American, Hispanic American). Services and programs are coordinated through the Office of Multicultural Student Services.

The primary goals of Multicultural Student Services are to be active in the recruitment, retention, and graduation of UCO students and to remain in compliance with the University’s Social Justice Plan.

The program design includes peer counseling, professional counseling, study skills workshops, cultural awareness programs, scholarship opportunities, career development and leadership programs.

Every effort is made by Multicultural Student Services to meet the needs of all students of color, promote their cultures, and act as a liaison between university administration and the ethnic minority student populations.

A professional and student staff are available for consultation and assistance. Multicultural Student Services, a division of Student Services, is located in the Nigh University Center, Room 424.

### Students with Disabilities

Sections 503 and 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 require the University to make reasonable accommodations in providing students with disabilities access to equal educational opportunity. In compliance with this law, programs have been established to assist students with special needs.

Students with disabilities who require accommodations may contact the campus Equity/Affirmative Action Office (Administration Building, Room 210, Ext. 2573) to request assistance. Students must provide documentation regarding their disabilities and request for accommodation to the Equity/Affirmative Action Office prior to receiving services. Reasonable accommodations are based on the individual needs of the student.

The Equity/Affirmative Action Office can assist the student in removing architectural or attitudinal barriers on campus. A student who believes he/she has been treated inappropriately because of his/her disability is encouraged to report the incident to the Equity/Affirmative Action Office.

For further information, contact the office in the Administration Building, Room 210, or at (405) 974-2573.

### Transcripts (Official) Free of Charge

Official transcripts can be obtained in Room 124, 1st floor in the Nigh University Center.

Written requests should be submitted to the:
- University of Central Oklahoma
- Academic Records
- 100 N University Drive, Box 151
- Edmond, OK 73034-5209

or Fax request: (405) 341-4964.

The written or faxed request must include:
1) Full name or any other name used when attending here
2) Student ID# or Social Security number
3) Date of Birth
4) Dates attended at UCO
5) Address
6) Copy of photo ID with birthday.

Kiosks are available outside room 128 in Nigh University Center for Students to print their own official transcript.

### Veteran Assistance

UCO maintains a full-time Veterans Affairs Office in Room 121B of the Nigh University Center. The phone number is 405-974-2578. The staff can assist students in completing requirements to receive VA entitlements.

### Vocational Rehabilitation

A Vocational Rehabilitation office is located at 1701 E. 2nd Street, Suite C, Edmond, OK, (405) 341-1400. All students seeking vocational rehabilitation assistance must be processed and cleared through that office each term. Please contact this office directly about eligibility requirements.
Admission to
Dr. Joe C. Jackson
College of Graduate Studies & Research
# Minimum GPA Requirements for Admission to Graduate Studies at UCO

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<th>Program - Degree</th>
<th>Overall GPA</th>
<th>GPA last 60hrs</th>
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<td><strong>Non-Degree-Seeking</strong></td>
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<td>College of Arts, Media &amp; Design</td>
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<tr>
<td>Design- M.F.A.</td>
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<td>Music -M.M.</td>
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<td>Conditional Admission</td>
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<td>Adult Education - M.Ed.</td>
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<td>Community Service</td>
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<td>Secondary</td>
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<td>Bilingual/TESL</td>
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<tr>
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<td>Psychology - M.A.</td>
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<td>General/Experimental</td>
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<td>Counseling</td>
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<td>Special Education - M.Ed.</td>
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<tr>
<td>Severe-Profound/ Multi. Disab.</td>
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<tr>
<td>Speech/Language Pathology - M.S.</td>
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<tr>
<td>Wellness Management - M.S.</td>
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<td>Health Studies</td>
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<tr>
<td>Exercise Science</td>
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<td>College of Liberal Arts</td>
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<tr>
<td>Criminal Justice Admin. &amp; Mgmt. - M.A.</td>
<td>2.75</td>
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<tr>
<td>Creative Writing</td>
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<td>Traditional Studies</td>
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<tr>
<td>Teaching English as a Second Language (TESL)</td>
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<td>History - M.A.</td>
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<tr>
<td>General</td>
<td>2.75</td>
<td>and 3.00</td>
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<td>Museum Studies</td>
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<td>and 3.00</td>
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<tr>
<td>Social Studies Teaching</td>
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<tr>
<td>General, Public Affairs</td>
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<tr>
<td>Statistics</td>
<td>3.00</td>
<td>and 3.00</td>
</tr>
<tr>
<td>Biology - M.S.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.50 and 3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering Physics - M.S.</td>
<td>3.00</td>
<td>and 3.00</td>
</tr>
<tr>
<td>Forensic Science - M.S.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Criminalistics</td>
<td>2.75</td>
<td></td>
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<tr>
<td>Nursing</td>
<td>2.75</td>
<td></td>
</tr>
<tr>
<td>Technology Investigations</td>
<td>2.75</td>
<td></td>
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</tbody>
</table>
Application through the Jackson College of Graduate Studies and Research

Graduate admission to the University of Central Oklahoma is approved by the Jackson College of Graduate Studies and Research, Room 404, Nigh University Center. Applicants must submit the following:

1. UCO application packet for Graduate Admission.
2. Two (2) letters of Recommendation.
3. Official copies of undergraduate and graduate transcripts from each institution attended, with all degrees posted. The bachelor’s degree must be from an accredited Institution.
4. $25.00 application fee, paid at the Bursar’s office, first floor, Nigh University Center, for the following students who:
   a. Are new and first time to UCO;
   b. Have not been enrolled at UCO for one year or longer;
   c. Are moving from special admission to regular admission, regardless of whether they have been continuously enrolled;
   d. Are moving from regular undergraduate admission to application for graduate admission;
   e. Were academically suspended or suspended for disciplinary reasons and are applying to return to UCO, regardless of length of dismissal.
5. Any other program requirements.

The application form can be obtained from the Jackson College of Graduate Studies and Research, through the university website at [http://www.ucok.edu/graduate/index.htm](http://www.ucok.edu/graduate/index.htm)

In order to be admitted to a specific graduate program, the applicant must meet with the Graduate Advisor for that Program, and submit a signed form, “Recommendation for Admission to the Jackson College of Graduate Studies and Research.” (available on the website and in the Jackson College of Graduate Studies and Research office.)

The Undergraduate GPA will be used to evaluate eligibility for regular graduate admission. If an applicant does not meet the GPA admission requirements of 2.50 for non-degree admission or program requirements as listed, he/she may take additional undergraduate courses to raise the undergraduate grade point average and then apply for admission to graduate studies when the minimum overall GPA for the program has been achieved OR the student may be conditionally admitted if the program so desires.

Admission to Graduate Studies

A. Apply for admission to the Jackson College of Graduate Studies and Research, NUC Room 404.
B. Meet with the Graduate Advisor, who will complete a “Recommendation for Admission to the Jackson College of Graduate Studies and Research” form for qualified students. Upon receipt of the completed recommendation form, and fulfillment of all qualifications for eligibility, the Jackson College of Graduate Studies and Research will admit the student for graduate studies.
C. Complete all prerequisites, if any, as determined by the graduate advisor.
D. The student and the graduate advisor will work out a formal Plan of Study during the student’s first semester of graduate work. A signed, completed copy of this plan of study must be filed with the advisor and the Jackson College of Graduate Studies and Research before completion of the first semester.
E. The student is admitted for the semester in which he/she applied. If the student does not enroll for that semester, he/she must request in writing to defer his/her admission to the following semester within 30 days after the semester starts, or reapply the following semester.
F. If a student has not been enrolled for one full year, he/she must apply for readmission to the Jackson College of Graduate Studies, and must meet the program requirements at the time of the later application.

Admission on Conditional Status

Selected Graduate Programs of Study allow conditional admission provided certain criteria are met:
- Students must have an undergraduate grade point average (GPA) of at least 2.5.
- Students must meet all other pre-admission requirements, as defined by the Graduate College and the Program.
- Students must have all applications for admission to this status approved by the Department/School Program/Graduate Advisor. Such approval must be in written form, one signed copy of which is retained in the student file, one copy of which is retained by the student, and one signed copy submitted to the Graduate College.
- Students must take 8-10 (3 courses minimum) pre-approved graduate credit hours while in the status of a Conditional Admission student.
- The graduate/program advisor will specify which courses must be completed during this status.
- The student must submit a copy of said requirements (signed by both the advisor and student) to the Graduate College.
- These graduate courses offered for letter grades must not include electives.
- These specified graduate credit courses must be completed within 3 consecutive semesters (including summer term) after the first graduate enrollment.
- To be admitted to the desired graduate program, the student must earn a GPA of 3.25 or better with no grade lower than “B” for the 8-10 hours attempted while on Conditional Admission status.
- No student will be allowed to self-enroll while in the Conditional Admission status until after grades are posted and without approval of the Advisor.
Graduate Studies

- Regular Graduate College admission standards and criteria will not be changed by this recommendation.
- A student in the status of a Conditional Admission Graduate student must meet all other criteria as a regular student, except the minimum GPA required for his/her Graduate Program of Study.

Advanced Standing Examinations

Advanced standing examinations may not be taken for graduate credit.

Advisement

Advisement of graduate students is the responsibility of the Graduate Advisor. As part of the admission process to the Jackson College of Graduate Studies and Research, a student must meet with the advisor from the selected program to determine if the student is eligible for the program, and to develop a plan of study. It is important that the student work closely with the advisor to ensure that program requirements are met.

Graduate Advisors are not always on campus during semester breaks. If advisement is required during these times, students should make appointments to ensure that the advisor is available.

Auditing Courses

Graduate courses may be taken for audit, with written permission from the instructor. Audit courses will not:
- count toward degree requirements,
- count toward the GPA.

In addition, the instructor of the audit course is not obligated to grade or evaluate the course work or performance of an auditing student.

The student receives no credit for audit of classes. Fees are the same for audit as for credit. Students may not drop courses for audit and pick them up for credit at the end of enrollment. The only admission material needed for audit is a completed admission form.

Changes in Degree Requirements

Changes in master’s degree requirements, unless otherwise stated, are applicable to new graduate students enrolling at the University of Central Oklahoma, and as far as practical, to graduate students already enrolled.

In no case shall the University of Central Oklahoma be obligated to make graduate degree requirements in effect at the time of the student’s first enrollment at UCO applicable to that student for more than six years from completion of the first semester of graduate work.

Graduate degree requirements in effect at the time of the graduate student’s first enrollment will remain in effect for six years.

The plan of study, once approved and agreed upon, will not be changed by succeeding changes in the degree program without agreement by both the student and the advisor.

Advanced Standing - Degrees

Comprehensive Exam

For those departments requiring a comprehensive exam for the master’s degree, it is to be scheduled no later than three weeks before the beginning of the final examination week for the Fall and Spring semesters and no later than 10 days prior to the beginning of the final examination week for the Summer semester.

Correspondence Courses

No credit earned by correspondence will apply toward a graduate degree.

Course Load Limits

Graduate students may enroll in no more than 12 hours during a fall or spring semester (16 weeks) and 9 hours during the (8 week) summer. If advance written approval is obtained from the Graduate Dean, a student may enroll in 15 graduate credits during a regular semester, or 12 hours during the summer term. Overload permission forms are available in the Jackson College of Graduate Studies and Research. All on-campus courses, workshops, intersessions, institutes, and course work taken electronically or at other institutions are included in this total. Only three hours of intersession credit are allowed per semester. During Summer, a student may enroll in one intersession course and 6 hours each in each of the two block courses offered in June and July, respectively.

Graduate enrollments above this maximum will not be applied toward a master’s degree at the University of Central Oklahoma. The maximum number of mixed enrollment (graduate and undergraduate) credits in which a student may enroll is eighteen (18) hours per regular semester, with 12 hours of graduate credit courses, and 12 hours in the summer, with an 8-hour maximum for graduate credit.

Graduate students on academic probation can only enroll for a maximum of NINE graduate hours.

Credit Hour Requirements

A course taken for fewer hours than indicated in the degree requirements may satisfy the course requirement but not satisfy the hours requirement.

Degrees

The University of Central Oklahoma offers the following degrees:
- Master of Arts
- Master of Business Administration
- Master of Education
- Master of Fine Arts
- Master of Music
- Master of Science
Diplomas  
Students who complete degree requirements will receive diplomas by mail approximately six weeks following the last day of the semester in which they graduated.

Electronic Delivery of Courses  
Credit offered electronically by UCO is residence credit. Students working toward graduate degrees at UCO may be permitted to apply credits from other institutions, earned via electronically transmitted courses, as transfer credits, provided the courses apply to the program.

Enrollment  
Enrollment at the University of Central Oklahoma begins in April for the Summer and Fall Semesters, and November for the Spring Semester. Graduate students in good standing may begin their enrollment on the date described in the published Class Schedule for the respective semester. Enrollment is conducted on the first floor of the Nigh University Center or on the UCO website at [http://central.ucok.edu/](http://central.ucok.edu/)

Students should refer to the Class Schedule to determine dates and times of enrollment, payment and late fee dates, thesis deadline dates, application for graduation dates and times of enrollment, payment and late fee dates. Enrollment is conducted on the first floor of the Nigh University Center or on the UCO website at [http://central.ucok.edu/](http://central.ucok.edu/)

Enrollment Status (Full time, Three Quarter time, Half time)  
The Jackson College of Graduate Studies and Research uses the following schedule when determining full time, three-quarter time, or one-half time graduate student status:

- **Full time:**
  - Spring & Fall semesters: 9 graduate hours
  - Summer semester: 5 graduate hours

- **Three-quarter time:**
  - Spring & Fall semesters: 6 to 8 graduate hours
  - Summer semester: 3 to 4 graduate hours

- **One-half time:**
  - Spring & Fall semesters: 5 graduate hours
  - Summer semester: 2 graduate hours

Exceptions and Waivers  
Exceptions or waivers to any Graduate Studies requirement must be formally requested in writing and approved by the Graduate Advisor and the Graduate Dean.

Grading System  
The University of Central Oklahoma uses the 4.00 scale to calculate grade-point averages; that is, an “A” yields four points per credit hour, a “B” yields three points, a “C” yields two points, a “D” yields one point and an “F” yields zero points. UCO does not recognize pluses or minuses in calculating grade point averages. If an applicant’s prior college or university uses a different scale, the grade-point average must be converted to the 4.00 scale to determine whether the applicant meets University of Central Oklahoma grade-point requirements for admission. All references to grade-point averages are based on a 4.00 scale. References to credit hours are to semester credit hours.

For the purpose of distinguishing between the ranks of scholastic attainment, the following system of grading is used at the University of Central Oklahoma.

<table>
<thead>
<tr>
<th>GRADE</th>
<th>NOTE</th>
<th>POINTS per HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Below Average</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
</tbody>
</table>

Grades not used in calculating Grade Point Average

<table>
<thead>
<tr>
<th>GRADE</th>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Symbols Used to Indicate Course Status

- **P**—Passing: for workshops, student teaching, activity/physical education courses, extra-institutional examinations, and completion of thesis.
- **S**—Satisfactory: for 0-level (non-collegiate and/or developmental) courses.
- **U**—Unsatisfactory: for 0-level (non-collegiate/developmental) and activity/physical education courses. Indicates the student’s level of understanding is not sufficient to take the next level of course work.
- **F**—Failure: when students complete the term but fail to meet minimum standards for passing. Also given when students discontinue class attendance and do not formally drop or withdraw. An “F” grade is also assigned by the instructor when a student is failing the course and is allowed to drop or withdraw after the established deadlines.
- **I**—Incomplete: used at the instructor’s discretion to indicate that additional work is necessary to complete a course. Starting with “I”s recorded in the Spring 1984 semester, the “I” must be made up within one year of the semester for which it was recorded.
- **W**—Withdrawal: a grade of “W” is recorded when a student initiates a withdrawal by the established deadline. This grade may be assigned for a student who is allowed to drop or withdraw beyond the established deadline and who is considered to be passing the course.
- **N**—Not Reported: Instructor failed to submit grades by the established deadline.
- **AUD**—when students formally audit classes.
- **AUD-U**—when a student enrolled for audit but did not meet the instructor’s attendance and/or participation requirements for auditors. All courses require permission from the class instructor to audit.
Graduate Studies

Grade-point Average
A graduate grade-point average of 3.00, or B, in all work attempted is required for the completion of the degree. No grade below C is acceptable for graduate credit and not more than six semester hours of C shall be applied toward the degree. Grades of “S” and “X” are neutral grades and do not affect the grade point average.

Grade Appeals Process

Step I—Direct discussion with the instructor and the department chairperson.
The graduate student must contact the instructor who assigned the grade as well as the department chairperson and attempt to resolve the matter informally within the first four class-weeks of the next semester in which the student is enrolled. If the student does not subsequently enroll in classes, a grade appeal must be filed within one calendar year after the disputed grade is assigned.

If the grade under appeal was assigned the semester the student graduated, Step II shall begin at the start of the next semester. If the instructor assigning the grade has left the University before the start of the appeal, the department chairperson shall represent the instructor in the appeal process.

When a grade is appealed the action rests with the instructor who shall notify the Dean within seven class days of action.

Step II—A hearing before the College Grade Appeals Board
If the student is dissatisfied after having completed Step I, the student has four class weeks in which to submit a signed Petition of Appeal to the dean of the college involved. The petition must:

A. identify the student, instructor, course name, number and section,
B. state the reason for the appeal, and
C. justify the student’s position.

Pertinent documentation must be attached and a specific remedy sought.

Hearings
All hearing boards shall convene within two class weeks after receipt of a petition by the Dean of the college involved or the Vice President for Academic Affairs and make their recommendations within seven class days after the final meeting.

All appeals boards shall follow the latest edition of Robert’s Rules of Order with respect to procedure, except where this document provides specific alternative instruction. Members must always proceed in a manner which provides both parties due process. All hearings and records thereof are confidential. Hearings shall be recorded and a copy retained for three years. A copy of the tape(s) shall be supplied to either party upon request. Both parties shall

have the right to the active support of legal counsel at any hearing and for sufficient advance notice of any hearing in order to arrange for the presence of counsel.

The Board’s written recommendation must include grounds for its decision and have approval of a majority of the members of the Board. All members must sign the recommendation, but a minority report may be attached as a statement of reservations or a dissenting opinion.

UCO boards hearing grade appeals must:
(1) obtain prior written and dated consent from the student allowing committee review of student records at grade appeal hearings.
(2) obtain prior written and dated consent from the student if witnesses are allowed to remain in the room and hear information from the student records at grade appeal process. If the student refuses to give written consent to the witnesses hearing information from the student’s educational records, the witnesses must be asked to leave the room after giving their statements. (See Family Educational Rights and Privacy Act, page 14.)

The College Grade Appeals Board will evaluate the petition, allow both parties to present their positions and evidence, then present its conclusions and recommendations to the Dean and both parties.

After reviewing the proceedings of the hearing, the Dean shall make written recommendations to the student and to the instructor. The instructor shall take any action deemed correct and submit a report within seven class days to the Dean, who has responsibility to inform the student and all parties concerned of the result.

Step III—A Hearing before a Graduate Appeals Board
If either the instructor or the graduate student considers the results of Step II unacceptable, then he or she shall have ten class days from notification of the Dean’s action to submit to the Dean of the Jackson College of Graduate Studies & Research a signed petition for a hearing before a Graduate Appeals Board.

The petition must:
(1) identify the student, instructor, semester, course number and section, and
(2) state the reason for the appeal.
(3) contain the specific remedy sought by the student.

Upon receipt of a written petition for convening a Graduate Grade Appeals Board, the Jackson College of Graduate Studies and Research will review the petition and the written findings of the associated college Grade Appeals Board.

Normally, the findings of the College Grade Appeals Board will be considered final unless the graduate student or instructor presents good and sufficient reason(s) to the contrary. Simply being dissatisfied with the findings of the College Grade Appeal Board is not sufficient justification to be granted a Graduate Grade Appeals Board hearing.

The Graduate Grade Appeals Board will consist of three members of the Graduate Council Admission and Retention committee, and two graduate students in good aca-
 Graduate Studies

demic standing, with the Chair of the Admission and Retention committee acting as the chair of the Graduate Grade Appeals Board, and two graduate students.

If the Graduate Grade Appeals Board is called, the body shall evaluate the petition and allow both parties to present their positions and evidence.

After deliberation of the evidence, the Graduate Appeals Board shall then present its conclusions and recommendations to the Dean of the Jackson College of Graduate Studies & Research. After reviewing the record of the hearing and recommendations of the Graduate Grade Appeals Board, the Dean of the Jackson College of Graduate Studies and Research shall notify all parties concerned of the decision.

Step IV–A Hearing Before a University Appeals Board

If either the instructor or the graduate student considers the results of Step III unacceptable, then he or she shall have seven class days from notification of the Dean’s action to submit to the Academic Affairs Office a signed petition for a hearing before a University Appeals Board.

The petition must:
1. identify the student, instructor, semester, course number and section, and
2. state the reason for the appeal.
3. contain the specific remedy sought by the student.

Upon receipt of a written petition for convening a University Grade Appeal Board, the Office of Academic Affairs will review the petition and the written findings of the associated college Grade Appeal Board.

Normally, the findings of the Graduate Grade Appeals Board will be considered final unless the student presents good and sufficient reason(s) to the contrary. Simply being dissatisfied with the findings of the Graduate Grade Appeals Board is not sufficient justification to be granted a University Grade Appeals Board hearing.

The Office of Academic Affairs reserves the right to deny a student's petition for a University Grade Appeals Board. Approval or denial of a petition will be communicated in writing to the student by the Office of Academic Affairs as soon as practical; normally within 10 business days of receiving the petition.

If the University Appeals Board is called, the body shall evaluate the petition and allow both parties to present their positions and evidence. The Board shall then present its conclusions and recommendations to the Academic Vice President. After reviewing the record of the hearing and recommendations of the University Appeals Board, the Academic Vice President shall notify all parties concerned of the decision.

The recommendations of the University Appeals Board and the recommendations of the Academic Vice President will be filed in the instructor’s personnel files at the department and college level and copies provided to both parties to the appeal.

GMAT, GA-RA eligibility

Graduate Credit

A student admitted to the Jackson College of Graduate Studies and Research at the University of Central Oklahoma may enroll in any course offered for graduate credit for which (s)he has the prerequisites.

Graduate-level courses will not count toward graduate degree requirements if the course was completed for undergraduate credit, regardless of the subject area.

Graduate Assistants & Research Assistants

The University of Central Oklahoma, through the Jackson College of Graduate Studies & Research, makes available approximately 65 Graduate/Research Assistantships.

Graduate Assistantships are filled through the deans of the colleges. Full-time, 3/4 time and half-time assistantships are available on a limited basis. Contact your department to apply for graduate assistantships.

Research assistants are requested by a faculty member to the Dean of the Jackson College of Graduate Studies and Research. Contact your department for research assistant information.

Applicants for assistantships must be enrolled in at least nine hours of graduate credit and be in good academic standing with the university, i.e. may not be on academic probation. All GA’s and RA’s are required to sign a confidentiality agreement.

Eligibility: Full-time (9 hours) graduate student in a master's degree program or (12 hours of undergraduate work for fall or spring or 5 graduate hours or 9 undergraduate or mixed hours for summer). This requirement does not include a last semester where a student may need fewer than the required full time minimum to graduate. No financial need must be demonstrated.

Stipends: Earnings vary according to the category. Stipends are paid in 4 installments per semester, Sept.30 through Dec. 30 and Feb. 28 through May 30. Rates for the current academic year are:

- Full time = $7,000/20-hr-work week/Fall and Spring
- 3/4 time = $5,250/15-hr-work week/Fall and Spring
- Half-time = $3,500/10-hr-work week/Fall and Spring

Tuition Waivers: The Dean of the Jackson College of Graduate Studies and Research will allocate tuition waivers based on the availability of funds. Assistants receiving other types of financial aid are not eligible for tuition waivers. Fees must be paid by the student.

Graduate Management Admissions Test (GMAT)

The GMAT is required for all students seeking an MBA degree at UCO. Test scores must be submitted before the student will be admitted to the program. The computer version of the GMAT is offered every day except Sundays, holidays and the first two days of the month at the Prometric Testing Center, 2224 NW 50th, Suite 196, Oklahoma City, OK. Phone 843-84378 for appointment. For regularly up-
Graduate Record Exam (GRE)
Examination scores must be available to the Jackson College of Graduate Studies and Research. Examination schedules and expenses are the responsibility of the student. The time limit for accepting GRE/GMAT scores for admission is five years. No scores more than five years old will be accepted.

The degrees requiring the Graduate Record Exam and the applicable exam for each degree are:
- Biology (M.S.) Minimum combined score of 1000 on the verbal and quantitative
- Criminal Justice (M.A.) Minimum 1000 combined score on verbal and quantitative and 3.5 or higher on the written assessment.
- Forensic Science (M.S.) Minimum combined score of 1,000 on verbal and quantitative tests. The analytical conversion formula is shown in the Forensic Science program information.
- Political Science (M.A.) Minimum combined score of 900 on the verbal and quantitative tests and 3.5 or higher on the written assessment.
- Psychology (M.A.) Minimum combined score of 900 on the verbal and quantitative tests or 3.5 or higher on the written assessment.

The computer version of the GRE is offered every day except Sundays and holidays at the Prometric Learning Center, 2224 NW 50th, Suite 196, Oklahoma City, OK. For regularly updated information about the availability of test centers, call Prometric at 405-843-8378 or 1-800-473-2255.

Test bulletins are available in the University Testing Service office, Room 302, Thatcher Hall.

Graduation -- Application for Graduation

Degrees are conferred at the end of the fall, spring and summer semesters. Commencement exercises are held at the close of the fall and spring semesters. In order to apply for graduation, candidates must follow these steps.

1. Apply for graduation by the deadline stated in the class schedule or posted in the JCGS&R for the semester in which you plan to graduate.
2. Pay the $35.00 graduation fee at the Bursar’s Counter, Nigh University Center, Room 134.
3. Submit the receipt for the graduation fee and complete an Application for Graduation in the Jackson College of Graduate Studies and Research, Nigh University Center, Room 404.

Once these steps have been completed, a final degree check will ascertain if all degree requirements have been met. The degree check will take one to four weeks, and students will be notified of the results by mail. Please contact the Degree Certification Specialist, 974-2527 if you have questions.

Approximately two weeks before graduation, applicants will receive information about the cap/gown, times, dates, and location of commencement ceremonies.

Honors
Graduation with Honors
The University of Central Oklahoma grants degrees “with honors” to students who complete the master’s degree with a grade-point average of 4.00 in all graduate work attempted.

President’s Honor Roll
Graduate students who earn all “A’s” in a semester in which they complete nine or more semester hours of resident graduate work (five in the summer), are eligible to have their names listed on the President’s Honor Roll. This award is made through the President’s office.

Outstanding Graduate Student
The presentation of an annual award for the “Outstanding Graduate Student” began in 1982-83. The Outstanding Graduate Student Award is based on nominations by the Graduate Faculty.

The award is based on the following criteria:

a. The student must complete the Masters Degree at UCO during the current academic year; must have an accumulated graduate grade point average at the time of selection of 3.6 or higher; and must be scheduled to complete a minimum of 24 graduate hours at UCO upon the completion of the master’s degree.

b. The Admission and Retention Committee of the Graduate Council will subjectively judge nominees in relation to information submitted by each nominee, including: participation in campus organizations, on-campus activities, community service, honors and awards, research, creative, and scholarly activities.

The E. C. Hall Graduate Award
The E.C. Hall Award is made each year to the graduate student who completes the Master’s Degree Program with the highest scholastic average. In the event that graduate GPA’s are equal, then GPA’s for the undergraduate work will be considered in addition to GRE and GMAT scores. The selection of the awardee is made by the Admission and Retention Committee of the Graduate Council.

Procedure for Selecting Awardees: Each committee member selects the best of three candidates and the common candidate from the list will be the final awardee. In the case of a tie, the committee will meet and select the final awardee.

Hours to Graduate
All masters degrees at the University of Central Oklahoma require at least 32 graduate hours. A number of gradu-
Graduate Studies

Graduate programs require more than 32 hours, so each student must be guided by the degree requirements for each program. Refer to the section of the Graduate Catalog which describes the degree requirements for each graduate program. If, in the opinion of the advisor, the student is deficient in certain areas, additional course work may be mandated by the advisor.

Incomplete Courses

Incomplete grades (I's) are recorded on the transcript when class work is incomplete but can be made up at a later date, without re-enrolling or re-taking the course. No student may be failing a course at the time an “I” is assigned and the student must be eligible to complete the work and have the grade changed. When the work is completed to the instructor’s satisfaction, the instructor will initiate the grade change request. “I” grades not changed by the instructor to a credit-bearing grade, or an “F,” within one year, will remain as a permanent “I” and not contribute to the student’s GPA.

Individual Study & Directed Reading

Graduate credit may be earned as individual study or directed reading. A student is limited to no more than 12 hours of individual study/directed reading with no more than 6 hours in any one discipline.

In-Service Training

In-service courses will be counted toward the degree only when offered through a fully accredited institution of higher education and listed on a certified transcript from that institution.

International Graduate Students

Due to the amount of time needed to process an international application, admission application deadlines are in place and are strictly observed:

<table>
<thead>
<tr>
<th>Fall semester</th>
<th>July 1st</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring semester</td>
<td>November 1st</td>
</tr>
<tr>
<td>Summer semester</td>
<td>April 1st</td>
</tr>
</tbody>
</table>

Deadlines for applications to graduate programs vary. Please consult the program information elsewhere in this catalog for specific deadlines. If the graduate program application deadline precedes the international application deadline, the program deadline will apply. If the international graduate student application deadline precedes the program deadline, the international graduate student application deadline will apply.

While studying at the University of Central Oklahoma, an international graduate student is required to maintain full time enrollment each semester to preserve his/her Department of Immigration and Naturalization Service status as an F-1 visa holder. International students can be admitted only to a specific graduate program and course of study. International students are not eligible to enroll as non-degree students.

Hours to Graduate, Intersession

For the purpose of calculating the Grade Point Averages, transcripts from all other universities will be interpreted on the 4.00 scale used at UCO, which does not recognize pluses or minuses. Therefore, a B+ from another university will be given a score of 3.00 (B) for purposes of standardization and fairness to all incoming graduate students. The evaluations and decisions of International application transcripts by the Jackson College of Graduate Studies and Research are final.

To be eligible for admission to graduate studies through the Jackson College of Graduate Studies and Research, international students must have completed four years of a Bachelor’s degree after the high school diploma, or have a master’s degree from their host country. One year of diploma after a bachelor’s degree is not equivalent to a master’s degree at UCO. Eligibility and admissibility will be evaluated on an individual basis.

All students for whom English is a second language are required to meet the minimum English proficiency requirements designated by the Oklahoma State Regents for Higher Education. The applicant must submit a score of 550 or higher on the Test of English as a Foreign Language (TOEFL) paper exam, or 213 computer exam. A student not meeting the 550 requirement, may furnish proof of a TOEFL score of 500 or higher, plus proof of subsequent completion of a minimum of 12 weeks of study at an English language school operated by an institution of higher learning, or a private English language school approved by the Oklahoma State Regents for Higher Education.

Applicants with bachelor degrees from an accredited United States college or university may be admitted without meeting the English proficiency requirement.

Applicants who have attended an accredited U.S. college or university for a minimum of three full-time academic semesters of graduate level work may be admitted without meeting the English proficiency requirement.

Some graduate programs at the University of Central Oklahoma can be tailored to the unique background and needs of international students and to their home country’s professional and academic manpower needs. Individual curriculum adjustments are contingent upon the availability of staff and facilities.

International student inquiries and requests for application packets should be made to the International Office, UCO, 100 N University Dr., Edmond, OK 73034, 405-974-2930. E-mail: int-offc@ucok.edu

Intersession Credits

Intersession courses are offered between semesters in short sessions of one to two weeks. Graduate students shall be allowed only one intersession class per semester with a total of three intersession classes per academic year. Only three hours of intersession credit are allowed per semester. During Summer, a student may enroll in one intersession course and 6 hours each in each of the two
# Graduate Studies

block courses offered in June and July, respectively. Overload requests will not be permitted.

## Internship

Internship for a degree is limited to a maximum of 8 hours.

## New Graduate Programs

At least one-half of the hours required for the graduate degree must be completed after the program is approved and implemented by the Oklahoma State Regents for Higher Education.

## Non-Degree-Seeking Students

Non-degree students are those who wish to take graduate-level courses, and are not seeking admission to a graduate program at the University of Central Oklahoma.

Non-degree students may enroll for a maximum of nine graduate hours per semester. Taking a course as a non-degree student does not constitute admission to a program or imply later applicability of these courses toward a program.

If non-degree students subsequently seek admission to work toward a degree, courses taken in “non-degree” status will be evaluated by the graduate program advisor to determine their applicability to the degree being sought.

Non-degree students cannot change to a degree seeking status until after one full year from the time of their first graduate enrollment as a non-degree student. Exceptions to this must be appealed by the graduate student to the Dean of the Jackson College of Graduate Studies and Research, who may forward them to the Admissions and Retention Committee of the Graduate Council for recommendation and approval by the Graduate Council. These students must satisfy all requirements for the Graduate College and the program they wish to enter.

An eligible non-degree student may take as many graduate courses as he or she wishes, however, only nine hours taken as a non-degree candidate may be applied toward a master’s degree.

A student who wishes to register as a non-degree student must meet the following requirements:

1. **Obtain written approval from the Dean of the Jackson College of Graduate Studies and Research,**
2. **Obtain written approval from the graduate program advisor,** and
3. **Obtain written approval from the instructor of each graduate course in which the student wishes to enroll.**

To ensure the quality and continuity of UCO’s graduate programs, degree students will not be permitted to change to non-degree status.

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# Internship, Probation and Suspension

International students can be admitted only to a specific graduate program and course of study. International students are not eligible to enroll as non-degree students.

## Prerequisites

A student with limited preparation in the field of study chosen at the graduate level may be required to complete prerequisites before being admitted to the program. Prerequisites are determined by the Graduate Advisor at the time of the initial advisement, and will be listed as such on the plan of study and on the Graduate Advisor Recommendation form.

## Probation and Suspension (Academic)

Graduate students must maintain an overall graduate grade point average of 3.00 or higher to remain in “good academic standing” with the University and the Jackson College of Graduate Studies & Research.

A student, regardless of admission status, may be placed on academic probation if:

1. The student has completed nine graduate hours, and
2. The student’s cumulative graduate grade point average (GPA) falls below 3.00.

While a student is on academic probation, the student will not be allowed to enroll in more than nine graduate credit hours each semester. Failure to achieve a minimum graduate GPA of 3.00 each semester while on probation will result in suspension from the Jackson College of Graduate Studies and Research.

Whether or not a student has ever been on probation or has completed nine graduate hours, any student will be placed on suspension whose cumulative GPA falls below 2.00 in any semester. No graduate classes may be taken for at least 16 weeks while a student is suspended, awaiting adjudication from the Graduate Council.

Any graduate student applying for readmission after suspension must meet with the program/graduate advisor and the advisor must recommend readmission before the student can be re-instated after suspension.

Students who wish to be considered for readmission must submit a written appeal to the Dean of the Jackson College of Graduate Studies and Research within 30 days of receipt of notification of academic status. The student’s appeal will be evaluated by the Admissions and Retention Committee of the Graduate Council. The committee will recommend readmission or dismissal to the Graduate Council.

If approved for readmission, the student must pay the $25.00 application fee to the Bursar’s office, First Floor, Nigh University Center, and continues on academic probation and must maintain a graduate GPA of 3.00 each semester.
**Graduate Studies**

**Program Changes**
A student who wishes to change from one graduate program to another must meet all admission requirements for the new degree program, meet with the Graduate Advisor to complete the Graduate Program Change Request form (available in the Jackson College of Graduate Studies and Research office) and submit it, with a formal Plan of Study for the new program, to the Jackson College of Graduate Studies and Research. The grade point average requirement for the new program must be met and only the undergraduate GPA will be considered.

**Readmission**
If a University of Central Oklahoma student has not enrolled and completed any graduate courses at UCO for a minimum period of one year, the student must apply for readmission as a graduate student to the Jackson College of Graduate Studies and Research and must meet the requirements for the program at that time and pay a $25.00 application fee to the Bursar’s Office.

**Repeating Courses**
All graduate work attempted in which a grade of A, B, C, D or F is received will be counted in the graduate grade point average. If a graduate course is repeated to enhance the grade, both grades will be used in calculating the graduate grade point average. No course may be counted toward more than one degree.

**Residence Status**
A uniform policy concerning resident status exists for all state-supported institutions of higher education in Oklahoma. The information sheet and petition to determine residency are available in the Jackson College of Graduate Studies and Research, NUC 404, and the Office of Admissions and Records, first floor, Nigh University Center.

**Responsibility**
Accuracy of the student’s enrollment, class changes, and withdrawals are the student’s responsibility.

**Second Master’s Degree**
To obtain a second Master’s degree, a student must complete a minimum of 30 additional graduate hours and meet all requirements for the second degree. The second degree cannot be in the same specific area as the first degree. A course cannot be used to complete requirements for more than one degree. This applies even if the second degree is at another university.

**Program Changes, Thesis**

**Special Requirements for Continuous Enrollment**

**Master’s Thesis, Creative Writing Project, Applied Mathematics Project**
All programs involving a thesis or special project require continuous enrollment in 5990 (thesis) or 5980 (Applied Mathematics project), until the requirements for the degree are completed.

The thesis director will be responsible for monitoring the student’s enrollment each semester in thesis credit. The thesis director will be responsible for ensuring that the final enrollment in the thesis will carry enough hours to compensate for semesters of non-enrollment. For example, if a student did not enroll for three semesters while working on the thesis, a final enrollment would carry a minimum of four semester hours.

Students failing to complete the thesis early enough in a semester to allow the instructor to meet the deadline for submitting grades must enroll in at least one additional hour of thesis credit for the following semester. This will delay graduation by one semester.

**Student Creative Research Grant Program**
The JCGS&R strongly believes in the value of student research and the faculty-student mentor relationship. In that regard, the JCGS&R sponsors the Student Creative Research Grant Program. This competitive program, which is open to both undergraduate and graduate students, awards grants in the amount of $1,000 for graduate students and $750 for undergraduate students. The competition is open to all academic disciplines and all forms of creative and scholarly activities.

In the Student Creative Research Grant Program, students seek out a Faculty Mentor and prepare a research grant proposal. The students then present their proposals to a Faculty Panel, which scores the proposals. The scores are then tabulated and those proposals with the highest scores are awarded funding.

In the Fall, 2003 competition, 60 students participated in the competition and 27 were awarded funding.

Deadlines for submitting applications for Student Creative Research Grant Program will be posted on the JCGS&R website at http://bronze.ucok.edu/graduate/.

**Thesis**
Students working toward a master’s degree may be required to submit a master’s thesis. The thesis will carry graduate credit hours based on the program requirement. Students should consult their graduate advisor early in the master’s program for instructions on thesis preparation and format.

Any graduate student who submits a thesis in partial fulfillment of requirements toward a master’s degree must publicly defend the thesis. Public defense, with a repre-
Graduate Studies

sentative of the Jackson College of Graduate Studies and Research present at the defense, is required for graduation.

Any student who has completed all course work must complete the thesis within the following two full academic years. The exception to this applies to the terminal degree (MFA). Any exception to the extension of time beyond two years must be made in writing to the Graduate Dean.

After public defense, a student must submit to the Jackson College of Graduate Studies and Research:
1. a title page,
2. an original signature page with all signatures of thesis committee members, and
3. an abstract of the thesis.

The number of thesis hours assigned an “X” grade will contribute to the Hours Attempted and “Hours Earned” on the transcript. The “X” grade will not contribute to the Graduate GPA in any manner. This is equivalent to a grade of “Pass”.

Pass or Fail grades (“P” or “F” grades) will be assigned by the thesis instructor when a thesis is completed. A grade of “P” will not contribute to the graduate GPA, the “F” grade will adversely affect the graduate GPA.

Thesis Binding and Copy Requirements

Students completing a thesis for the master’s degree must submit a minimum of three copies with original signatures of thesis committee members, on 25% rag paper, with one and one-half inch (1 1/2”) left margins, to the Max Chambers Library, Archives, Room 215. Two bound copies will remain in the library, and one bound copy will be sent to the student’s department.

Additional copies for personal use, with the same paper and margin requirements, must be submitted to the Archives at the same time. Money orders for personal copies requested—made out to the bindery—must accompany the required three copies. Call 405-974-2882 for name of the bindery and the price for each personal copy.

Thesis format is the responsibility of the thesis committee and the student. (See format requirements available in the departments and the Jackson College of Graduate Studies and Research.) An original committee signature page, title page, and the thesis abstract must be presented to the Jackson College of Graduate Studies and Research before the student will be allowed to graduate.

Time to Degree

From the time of admission to a graduate program to graduation with a master’s degree, the student has six years in which full credit for graduate hours will be awarded. Courses seven to ten years old will be awarded one-half credit. Credit hours more than 10 years old at the time of graduation will not be applied toward the master’s degree.

Thesis, Workshop Credit

Transfer Credit

A maximum of 9 (nine) semester hours of transfer graduate credit may be applied toward a graduate degree program at the University of Central Oklahoma. These 9 hours may be applied only if they contribute to the program, and courses must be approved by the Graduate Advisor, the College Dean, and the Dean of the Jackson College of Graduate Studies and Research.

Some programs require that transfer students present a letter to the program advisor, prior to enrollment, indicating that the student is in good academic standing with his/her former institution.

If the courses are used to satisfy degree requirements at another university, they cannot apply toward a degree at UCO. All graduate courses taken at other accredited institutions, regardless of applicability to current program, must be transferred to the University of Central Oklahoma and included on the student’s academic record. Only those courses approved by the Graduate/Program Advisor for transfer will count toward the calculation of the GPA.

Transcript with Degree Posted

Transcripts reflecting degrees earned will be available approximately three weeks after the end of the semester in which the student earned the degree.

Undergraduates in Graduate Programs

UCO seniors are eligible for concurrent, or mixed undergraduate and graduate enrollment in their final semester before undergraduate graduation, providing they meet the established criteria:
1. Certified by their undergraduate advisor to be enrolled in the final semester for a bachelor’s degree.
2. Total enrollment (undergraduate and graduate) may not exceed 16 hours.
3. Overall undergraduate grade point average (GPA), must be 3.00 or higher.
4. No more than one graduate enrollment (8 hours maximum) will be permitted before the undergraduate degree has been posted to the transcript.

Students wishing to apply for concurrent enrollment must complete the Mixed Enrollment form, available in the Jackson College of Graduate Studies and Research.

Workshop Credit

No more than two (of the total) hours required for the master’s degree may be earned by participation in workshops.
Operations of the Jackson College of Graduate Studies and Research Opportunities at UCO
Graduate Council, Graduate Faculty and Research at UCO

Graduate Faculty

Full membership to the Graduate Faculty shall be granted to full-time faculty possessing an earned doctorate who are active in scholarship, creative endeavors, pure and applied research and who are dedicated to the professional enhancement of their students, their disciplines, their college, the University and the community. Faculty in the Performing Arts will be considered an exception to the earned doctorate requirement and will be eligible for Full Graduate Faculty membership if they possess an MFA degree and 60 graduate hours in the teaching field. A similar exception is granted for Music, with the requirement of 75 total graduate hours with 60 graduate hours in the teaching field. Deans and chairpersons will determine equivalence to the terminal degree and submit to the Graduate Council Membership Committee for consideration. In addition, the following qualifications are required:

1. Superior teaching ability supported by student evaluations (when available), chairperson evaluation and teaching innovation.
2. Active participation in research leading to publications and/or other appropriate scholarly/ artistic activities
3. Activities, performances, or exhibits commended by professionals in the candidate’s field of study.
4. Willingness and ability to supervise theses or mentor students.

Application for Full Membership must be made on the Graduate Faculty form, available in the Jackson College of Graduate Studies and Research.

Associate Members of the Graduate Faculty

Members of the University Faculty who have not been granted full membership on the Graduate Faculty may be requested to teach graduate classes and may serve on advisory committees and thesis committees upon recommendation of the department concerned, and approval of the Graduate Council Membership Committee and the Dean of the Jackson College of Graduate Studies and Research. These assignments shall be subject to periodic review.

These faculty members are designated as Associate Members of the Graduate Faculty. Under no circumstance will faculty who are not members or associate members of the Graduate Faculty teach graduate courses.

Associate Graduate Faculty Membership Categories are defined as follows:

1. Full-time faculty employed for more than one academic semester, or
2. Full-time faculty employed just prior to the first academic semester, or
3. Part-time faculty employed for more than one academic semester, or
4. Part-time faculty employed just before beginning their first academic semester.

The application for three-year associate membership on the Graduate Faculty is initiated by the department, chairperson or director of the graduate program. The Graduate Faculty Three-year Associate Membership Application form, available in the Jackson College of Graduate Studies and Research, will be sent to the Graduate Dean, and will include a current curriculum vitae, a letter of application, transcripts, and other appropriate information if requested.

The Graduate Dean will review the application and forward it to the Membership Committee of the Graduate Council for review and recommendation to the Graduate Dean. A list of approved applications for Graduate Faculty Membership will be forwarded to the Graduate Council for discussion and vote, which will be reported to the Vice President for Academic Affairs, deans, and department chairpersons.

Applications for membership or associate membership in the Graduate Faculty must be received and acted upon before the final printing of the semester schedule in which the faculty member may teach. Emergency associate memberships of one-semester duration may be granted by the Dean of the Jackson College of Graduate Studies and Research.

Duties of the Graduate Faculty

Specific duties of the Graduate Faculty, in addition to other responsibilities as University Faculty members, include the following:

1. Teach courses open to graduate students only.
2. Seek out undergraduate students of outstanding ability and encourage them to pursue graduate study.
3. Conduct graduate classes and seminars that stimulate creativity and contribute to the growth and development of independent scholarly attitudes and performance.
4. Participate in research which has intrinsic scholarly or artistic value and which will motivate the students to similar endeavor.
5. Supervise research/artistic projects of graduate students when requested.
6. Encourage informal activities among students leading to scholarly or artistic production.
7. Maintain standards of student performance to prepare graduates for the professional and scholarly responsibilities of an educated person in a free society.
8. Review the reports of the Graduate Council and the various committees of the Jackson College of Graduate Studies and Research and determine the general direction of the Jackson College of Graduate Studies and Research.

The Graduate Faculty shall meet at least once each year during the month of April. A quorum for transacting business shall be the number present at the meeting. Special meetings may be called by the Dean of the Jackson College of Graduate Studies and Research, whenever the action of the Graduate Faculty is needed. A special meeting must be called if ten percent of the Graduate Faculty so petition.
Graduate Council and Committees

The Graduate Council
The Graduate Council is an elected group of Full Members of the Graduate Faculty and administrators concerned with policy recommendations as they relate to all graduate programs at the University of Central Oklahoma. The Council is composed of 19 members: 15 are elected from faculty-3 from each of the 5 academic colleges; 3 are appointed by the Dean of the Jackson College of Graduate Studies and Research, who is also the 19th member.

This Council consists of four standing committees: The Membership Committee, the Executive Committee, the Curriculum Committee, and the Admissions and Retentions Committee. Appointees from the Office of Academic Affairs, the Library, and Faculty Senate serve as liaisons to the Graduate Council.

Duties of the Graduate Council include:
1. Hear reports and take action on recommendations of the standing committees.
2. Advise the committees in carrying out their duties.
3. Appoint ad hoc committees when necessary.
4. Make recommendations concerning Graduate Faculty policies and procedures.
5. Receive communications on any and all matters relating to the Jackson College of Graduate Studies and Research.
6. Advise and make recommendations to the Graduate Dean.
7. Review matters which are to be taken to the Graduate Faculty.
8. Cooperate with the Undergraduate Faculty or its representatives and to appoint joint committees when needed.
9. Meet a minimum of once each semester.

The Graduate Executive Committee
The Graduate Executive Committee will:
1. Work with the Graduate Dean prepare agendas for the council and faculty meetings.
2. Consult with the Graduate Dean whenever consultation seems necessary.
3. Take specific actions as directed by the Graduate Council or the faculty.
4. Advise the Graduate Dean in selecting the appointed members of each standing committee.
5. Assign business of the Jackson College of Graduate Studies and Research to a standing committee or recommend an ad hoc committee to be appointed as necessary.
6. Recommend items for the consideration of the Graduate Council.

The Membership Committee
The Membership Committee will:
1. Receive nominations and make recommendation for Full Membership and Associate Membership to the Graduate Faculty.
2. Make periodic reviews and recommendations for membership of individual Graduate Faculty Members.
3. Make periodic reviews of policies relating to Graduate Faculty Membership.
4. Undertake other assignments made by the Graduate Dean or Executive Committee.

The Curriculum Committee
The Curriculum Committee will:
1. Review, hold hearings, and recommend acceptance or rejection of proposed changes, deletions, and new graduate courses and degree programs.
2. Periodically review the graduate curricula and make suggestions for improvement.
3. Articulate its work with that of the departmental curriculum committees with regard to such matters as courses and programs which affect the Jackson College of Graduate Studies and Research.
4. Complete other assignments made by the Graduate Dean or Executive Committee.

The Admissions and Retention Committee
The Admissions and Retentions Committee will:
1. Review and make recommendations concerning admission procedures, to assure that policies are consistent with the admission philosophy of the Jackson College of Graduate Studies and Research.
2. Study registration procedures and policies as they affect the Jackson College of Graduate Studies and Research.
3. Review the list of graduate students on retention each semester and modify their status as appropriate.
4. Complete other assignments made by the Graduate Dean or Graduate Council.

Election Procedures of the Graduate Council
Election of Graduate Council members shall be conducted during the Spring semester by the deans of each of the undergraduate colleges in the following manner. At the beginning of March the Graduate Dean will provide each of the college deans with:
1. A list of eligible candidates from his or her particular college.
2. The names of the standing committees to be filled, and
3. A sufficient number of application forms to be distributed within the college.

College deans will notify all eligible candidates of openings on the Graduate Council and call for applications. Applications will be for a position on a specific committee as a representative of the college for which the position is open. The term of office will be three years.

An election will be conducted by ballots mailed from the college dean’s office. Each Full member of the Graduate Faculty from the college will vote for only one person
## Graduate/Research Assistantships and Tuition Waivers

<table>
<thead>
<tr>
<th>Graduate Assistantships for Students</th>
<th>Jackson College of Graduate Studies and Research. The supervisors are ultimately responsible for the supervision and evaluation of all GAs in the department.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Carry at least nine credit hours of graduate coursework each regular semester to retain the appointment.</td>
<td></td>
</tr>
<tr>
<td>2. Must have earned a minimum 3.25 GPA</td>
<td>Research Assistant (RA) positions must be requested by faculty members at the time Regular Grant Proposals are submitted. Forms are available on-line and in the Jackson College of Graduate Studies and Research. Faculty members are responsible for screening RAs, who must fulfill these requirements:</td>
</tr>
<tr>
<td>3. Have a Social Security Number. (TMP numbers are not accepted by the payroll department). Contracts will be prorated from the day the social security number is received.</td>
<td>1. Carry at least nine credit hours of graduate coursework each spring and fall semester to retain the appointment.</td>
</tr>
<tr>
<td>4. Contractual obligation to work a maximum 10-20 hours a week at duties suitable for a graduate or research assistant, prescribed by your department or college graduate or research mentor.</td>
<td>2. Must have earned a minimum 3.25 GPA</td>
</tr>
<tr>
<td>5. International students must have clearance for employment from the International Office at UCO.</td>
<td>3. Have a Social Security Number. (TMP numbers are not accepted by the payroll department). Contracts will be prorated from the day the social security number is received.</td>
</tr>
<tr>
<td>6. Tuition Waiver reimbursement may vary based on availability of funds.</td>
<td>4. Contractual obligation to work a maximum 10-20 hours a week at duties suitable for a graduate or research assistant, prescribed by your department or college graduate or research mentor.</td>
</tr>
<tr>
<td>7. Must submit a monthly report to the JCGS&amp;R.</td>
<td>5. International students must have clearance for employment from the International Office at UCO.</td>
</tr>
<tr>
<td>8. RAs are obligated to present the results of their findings on Research Day.</td>
<td>6. Tuition Waiver reimbursement may vary based on availability of funds.</td>
</tr>
<tr>
<td>9. Must volunteer to participate at all official functions organized by the JCGS&amp;R as needed.</td>
<td>7. Must submit a monthly report to the JCGS&amp;R.</td>
</tr>
<tr>
<td>Undergraduate Research Assistantships</td>
<td>8. RAs are obligated to present the results of their findings on Research Day.</td>
</tr>
<tr>
<td>Undergraduate Research Assistantships are available through the Jackson College of Graduate Studies and Research on a limited basis. Faculty members request an undergraduate for a particular research project. Consult with the Jackson College of Graduate Studies and Research for further information.</td>
<td>9. Must volunteer to participate at all official functions organized by the JCGS&amp;R as needed.</td>
</tr>
<tr>
<td>RAs are required to provide the Jackson College of Graduate Studies and Research with a progress report at the end of each semester, and will present abstracts and posters at Research Day. Duties will not include regular teaching or lab monitoring.</td>
<td></td>
</tr>
</tbody>
</table>
IRB, On-Campus Research Grants, External Grants

Graduate Tuition Waiver Program
The JCGS&R supports and encourages superior academic performance by Oklahoma graduate students through the Graduate Tuition Waiver Program. This Fall and Spring program awards 3 graduate credit hour tuition waivers to qualified students. Those students must be Oklahoma residents who have been formally admitted to graduate studies in a degree program, who have a 3.50 GPA and who have enrolled as full-time students (at least 9 graduate credit hours).

Deadlines for submitting applications for the Fall and Spring programs will be posted on the JCGS&R website at http://bronze.ucok.edu/graduate/.

Research Programs
Research is broadly defined at UCO to make it possible for all disciplines, in all colleges, to participate. Research on campus is divided into three broad categories: (1) Basic/Applied Research, (2) Curriculum Development and (3) Creative/Scholarly Activity.

Basic Research is the study of the fundamental properties, principles and data within a discipline. Applied Research engages in projects offering benefit to society using the results of basic research.

Curriculum Development revitalizes the content, conduct and quality of education through new and innovative approaches to all aspects of the learning experience.

Creative or Scholarly Activity results in a novel idea or expression. Creative experiences and activities require flexibility and openness to interpretations. Projects in creative writing, visual arts, museum enhancement, music and dance are examples of eligible activities.

Research Advisory Council
The Research Advisory Council is composed of two members from each college, the Graduate Dean, the Grant Writer, one member each from the Controller's Office, the Faculty Senate, and the AAUP. The Council is chaired by the Associate Dean of Jackson College of Graduate Studies and Research, and members are recommended by the Associate Dean of Jackson College of Graduate Studies and Research, for appointment by the Vice President of Academic Affairs to a five-year term. Duties of the Research Advisory Council include:

1. Recommendation of on-campus research allocations, research assistantships and release time to faculty;
2. Addressing research concerns brought by any faculty member at UCO;
3. Recommending changes in research policy and procedures, in consultation with constituencies;
4. Acting as a liaison between faculty and the Jackson College of Graduate Studies and Research.
5. Selecting Hauptman Fellows;
6. Being outspoken champions of research at UCO.

Institutional Review Board and Institutional Animal Care and Use Committee
Any research with human subjects must be pre-approved by the Institutional Review Board (IRB), through the Jackson College of Graduate Studies and Research. Surveys for statistical purposes are included in the IRB requirements. Any use of animals in research must be pre-approved by the Institutional Animal Care and Use Committee (IACUC). Guidelines and applications are available through the Jackson College of Graduate Studies and Research website at http://www.ucok.edu/facres. Submit applications to NUC 404.

On-Campus Research Grants
Mini-Grants—maximum funding of $1,500. No release time or graduate research assistants for these grants. Mini-grants are defined as research, scholarly/creative activity, or curriculum development projects. Mini-grant recipients will be expected to apply for regular grants after three years of mini-grant funding. Proposal deadline is the last business day in January.

Regular Grants—Funding from $1,501 to $7,500. Release time is available for these grants and will be subtracted from the award budget. Research Assistants may be requested by the principal investigator. RA stipends will not be deducted from the on-campus grant budget. Regular grants are substantial research, scholarly/creative activity or curriculum development projects with significant potential for funding from external agencies. Regular grant recipients will be expected to apply for external funding after three years of regular grant funding. Deadline for proposals is the last business day in January.

Interdisciplinary Grants - Funding up to $10,000.
The Interdisciplinary Grant supports and facilitates the formation of collaborations and the exploration of innovative ideas that will open new directions in research, scholarly and creative activities, enhance the intellectual environment of the campuses and lead to long term funding support from external sources. This grant was developed specifically to promote collaboration on topics of interest that cut across two or more disciplines. Collaboration among the colleges is strongly encouraged to develop a true interdisciplinary proposal. Proposals from all areas of research and creative activity will be considered.

The Interdisciplinary grant program will consider two types of proposals:

1. Planning Grant: Supports the development of interdisciplinary research working groups. Through its meetings each group will identify and explore common interests. It is anticipated that working group discus-
Faculty Incentive Awards, Research Day, Research Awards

Grants of up to $5,000 are available to support collaborative faculty groups across colleges. Funding is available to cover expenses such as (a) meeting costs for the group (meals, refreshments) (b) stipend for a student responsible for group administrative needs, (c) travel for outside speakers and (d) support for hosting conferences. These are one year for-purpose grants rather than for continuing support. Each group should have a designated leader and have faculty members from at least two colleges represented.

2. **Research, Scholarly and Creative Activity Grant:**
   - Supports Research, Scholarly and Creative Activities expanding interdisciplinary research which is innovative and has a high potential for return on investment. These grants are meant to support research, scholarly and creative activities not yet sufficiently developed to obtain external funding. These grants are designed to support new initiatives in faculty research and creative activities. Grants up to $10,000 are available. It is anticipated that the projects will be funded for a one-year period. Selected projects may be funded for up to two years if substantial progress and promise is demonstrated. Each group should have a designated leader and have faculty members from at least two colleges.

   **A.** These seed grants are intended for tenure-track full-time faculty who wish to begin a research project that is a new area and is currently unfunded or is expected to be funded during the proposed research period, involves student researchers in a significant way and requires modest seed funding for the preliminary work necessary for the submission of grant applications to external funding agencies or organizations.

   **B.** PI’s and/or their students will be required to present the results of their studies at the Regional Universities Research Day.

   **C.** These grants will support narrowly focused or targeted programs and proposals. Funding is expected to support the proposed project rather than general laboratory or field activities.

   Funds awarded for Inter-disciplinary Research, Scholarly and Creative Activity grants may, for example, be used to purchase supplies or pay adjunct salary for replacement time, but cannot be used to support investigator or administrative salaries. Ideally, the funding will provide support for faculty who want to initiate a substantially new direction in research, or support innovative projects to help faculty expand into new areas of research. These funds are not intended to support established projects. However, proposals which expand ongoing work through new and innovative approaches will be considered. Deadline for proposals is the last business day in January.

**Grant Proposal Evaluation Procedure**—All on-campus grant proposals will be reviewed and evaluated by the Association of College and University Offices, Inc. and given a numerical rating. Reviewers will be external professionals in the disciplines being reviewed, and will provide written critiques to proposal writers. The Research Advisory Council reviews and recommends funding, release time and Research Assistants based on ratings and funds available each year. Faculty members are notified of the award allocations each year, after recommendation by the Research Advisory Council and approval by the Vice President of Academic Affairs, subject to funding by the Board of Regents of Oklahoma Colleges.

**Notification of Funding**—Faculty will be notified of funds allocated for the following fiscal year. All spending documents (requisitions, IDPOs, travel requests, etc.), which will encumber research funds, must be routed through and approved by the Jackson College of Graduate Studies and Research.

**Grant Funding Allocation Policies**

The following policies regulate all grant funding:

1. All expenditures must be originated by requisition to the comptroller, petty cash expenditures, or inter-departmental purchase orders.
2. All spending requests must be pre-approved by the Jackson College of Graduate Studies and Research. Reimbursements for out-of-pocket spending will not be approved.
3. Funds must be encumbered by the deadline dates set by the Purchasing Department.
4. Computer hardware, office furniture and office supplies such as paper, pens, pencils, file folders, etc. are not regarded as research items and will not be funded with on-campus grant monies.
5. Computer software and equipment purchased expressly for research must be justified, and will become the property of the department after the funding period.
6. Travel is permitted for presentation of results, and is limited to $600 per faculty member, per fiscal year ($250 for students). All travel requests must be routed through the chair of the department and the dean of the college before submission to the Jackson College of Graduate Studies and Research. Proof of acceptance for presentation must be provided with the travel request.
7. Grant recipients are responsible for managing grant funds in accordance with these policies.
8. On-campus grant recipients must present at Research Day, sponsored by the Jackson College of Graduate Studies and Research, as a condition of future funding.
9. On-campus funding is seed money. All recipients are required to apply for external funding by the end of the third year of on-campus funding.
Faculty Incentive Awards, Research Day, Research Awards

**External Grants**

Faculty members wishing to explore possible funding from an external agency may write a one-page description of the research idea and bring, mail or e-mail it to the Jackson College of Graduate Studies and Research. The Jackson College of Graduate Studies and Research assists faculty to find external funding sources for specific projects. Faculty may apply at the Jackson College of Graduate Studies and Research for SPIN+ searches and use the Jackson College of Graduate Studies and Research web page to search “News, Notes and Deadlines” for grant opportunities.

Following are the steps necessary to process an external grants proposal:

1. Obtain a “New Grant Proposal Routing Slip” from the Dean of the Jackson College of Graduate Studies and Research, NUC 404, or the website at [www.ucok.edu/facres](http://www.ucok.edu/facres).

2. If you are requesting matching funds, identify the source and have the organization manager sign the routing slip authorizing the charge to their organization.

3. Forward the grant proposal along with the routing slip to Financial Services, room AD 210G Attn: Betty Beall. Attach a note indicating the due date of the proposal and the date on which it will be submitted. She will review and concentrate on the budget portion of your proposal. You will be notified if there are any questions or necessary revisions.

4. Financial Services will forward your proposal to the Dean of the Jackson College of Graduate Studies and Research for review. He will study the content of your project. Please allow two days for review. Once your proposal has been approved, you will be contacted to pick up your proposal.

5. Mail or electronically submit your proposal. Remember, your grant proposal should not be changed after approval without routing again.

6. If your proposal is accepted, forward the award notice and/or contract to the Office of Financial Affairs, room AD 210G, Attn: Betty Beall. In order for the contract to be binding, it must be signed by an authorizing official of the University, currently President Webb or Vice-President Steve Kreidler. Financial Services will obtain this signature and return the contract to the granting agency. Once all signatures are obtained between the two agencies, an organization number will be assigned to your award and a budget established.

7. You will be notified of the organization number assigned to your award.

Expenditures from your grant account must follow all applicable rules and procedures of the funding agency, the State of Oklahoma and the University of Central Oklahoma in addition to any limitations placed on the funds by the grantor. The project administrator is responsible for adherence to all applicable rules and procedures. All items purchased with grant funds become the property of UCO (unless stated in the grant that it will remain the property of the grantor). Under no circumstances will equipment purchased with grant funds become the personal property of the project administrator or Principal Investigator.

When preparing your grant proposal, be sure to incorporate the following in your budget:

1. If the grant has provisions for paying salaries, make sure to include any fringe benefits associated with these salaries which UCO is required to pay.

2. Make sure to include indirect cost in your budget if the grant will allow. The University has a federally negotiated rate for on campus programs of 52% and for off campus programs the rate is 22%. Both rates are based on any salaries paid through the grant, but not fringe benefits. IMPORTANT: It is to your benefit to include indirect cost in your proposal if allowed. The University has a policy where 50% of any indirect costs collected through grants are reallocated for the use of the PIs, for any university related expenditures of their choosing.

If you have any questions or need help in preparing your budget, please feel free to contact Betty Beall at ext 2399.

External grant proposals which are not routed through the Jackson College of Graduate Studies and Research before submission to the external agency will not be eligible for matching funds or incentive awards, subject to funding by the Oklahoma State Regents for Higher Education (OSRHE).

**Administrative and Budget Review and Approval:**

The Jackson College of Graduate Studies and Research will review the grant application with regard to commitment requested of the University, matching funds and release time requested or mandated by the grant, and proposed use of animals or humans as subjects. The Controller will review budget, indirect costs and salaries.

The Dean of the Jackson College of Graduate Studies and Research will approve the application before returning it to the faculty member for submission. When the President’s signature and/or a letter of support from UCO is required, the Jackson College of Graduate Studies and Research will obtain these items. A copy of all proposals is kept in the Jackson College of Graduate Studies and Research.
Incentive awards
Faculty members who publish research results in refereed journals, apply for and/or receive external funding will be eligible for Incentive Credit Awards, under the following conditions:

1. A copy of the publication is sent to the Jackson College of Graduate Studies and Research and is the result of a funded mini, regular or external grant submission routed through the Jackson College of Graduate Studies and Research.
2. The external grant proposal must be routed through the Jackson College of Graduate Studies and Research before submission to the agency.
3. The application for incentive award is submitted prior to published deadlines on the Jackson College of Graduate Studies and Research website.
4. Credit must be given in their publication to the Jackson College of Graduate Studies and Research for their support and encouragement.

The publication must be a full article (not an abstract or review) published in a refereed journal.

The external funding received from State agencies or Regents do not qualify for the awards. The funding received must be from an external agency for a nationally advertised competitive grant.

Undergraduate Research & Creative Activities
The Undergraduate Student Center for the Advancement of Research and Education (USCARE) is a focal point of undergraduate scholarly activities in the College. Undergraduate students may apply for research assistantships while participating in faculty sponsored research. A recently funded National Science Foundation grant ("SURE-STEP") provides support to incoming students through a summer bridge research program as well as a supplemental instruction to assist students in historically difficult courses. The Undergraduate Research and Creative Activities Team (URCAT) meets regularly to discuss ways to enhance undergraduate scholarship on the UCO campus. Visit these programs and others at the following website address: http://bronze.ucok.edu/urcs/introduction.htm.

Research Awards will be given in the form of credits for purchases related to the research project. Each student applicant must have a faculty mentor to oversee and assist with the project. Awards vary based on fiscal year funding. No student grant funds will be reimbursed for funds expended without prior approval. All purchases must be pre-approved by the faculty member and the Jackson College of Graduate Studies and Research.

Students who are traveling to present research/scholarly/creative results, will be supported for travel expenses up to a maximum of $400 per school year. Travel requests must be routed through the faculty mentor, the chair of the department, and the dean of the college, then submitted to the Jackson College of Graduate Studies and Research. Students should allow one month to route the travel request before the presentation is scheduled. Proof of presentation is required with the travel request. When a group of students are traveling for presentations, the faculty mentor is responsible for securing the travel requests from the students and routing them together, with appropriate signatures.

Hauptman Fellowship Awards
Hauptman Fellowship Awards are presented to one faculty member and one undergraduate student researcher from each college, each year.

The Jackson College of Graduate Studies and Research will also select two graduate students at large for the award.

Criteria for faculty nomination include publications in refereed journals, attempts at securing external funds and involvement in active research at UCO, whether on-campus, externally or in collaboration with another institution. Faculty members may nominate any full time faculty member (not temporary or adjunct) to receive the award, including themselves.

Undergraduate students may be nominated for the Hauptman Fellowship Student Award by any faculty member; but written approval from the chair of the department and dean of the college must accompany the student nomination. Nominees must submit credentials for review by the Research Advisory Council (excluding nominated members). Award winners are recognized during the Fall semester at the Jackson College of Graduate Studies and Research Awards Reception.

Research Publications
The Jackson College of Graduate Studies and Research publishes two books each year. In the fall, the Research Day Proceedings will feature abstracts of faculty and student research from institutions participating in Research Day. Research at UCO will be published yearly, and feature publications and papers presented by the faculty for the previous calendar year. Faculty and students are responsible for furnishing abstracts and lists of publications before the deadline. Newsletters may be published periodically.

For more information, visit the website at www.ucok.edu/facres or www.ucok.edu/graduate/index.htm
Program: Design
Degree: Master of Fine Arts (M.F.A.)

Master of Fine Arts - Design (M.F.A.)

I. Admission Requirements
Students seeking an M.F.A. in Design must fulfill the following requirements before being formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards of 2.50 GPA overall, or 2.50 GPA in the last 60 hours attempted.

B. MFA Design Application Packet
Submit to the Jackson College of Graduate Studies & Research:
1. An essay that includes the following:
   a. Why you wish to pursue a Master of Fine Arts degree in Design at UCO.
   b. Your professional career plan and objectives.
   c. Your proposed area of interest, topic, or focus of graduate study.
2. Official transcript of undergraduate courses with a degree posted. If transferring from another graduate program, also submit transcript showing graduate courses. Acceptance of a transfer class for credit depends on the class content, the method of evaluation, and the demonstration of skills that are expected in the equivalent course offered at UCO.
3. A current resume.
4. Three letters of recommendation with at least one of these from a design professional. Letters from UCO faculty are not acceptable.

C. Application deadlines
The Design Application Packet must be submitted by:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Application Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>April 1st</td>
</tr>
<tr>
<td>Spring</td>
<td>October 1st</td>
</tr>
<tr>
<td>Summer</td>
<td>March 1st</td>
</tr>
</tbody>
</table>

D. Portfolio Review and Interview
The Jackson College of Graduate Studies & Research and the Design Graduate Advisor will review your Application Packet. If acceptable, you will be contacted for an interview to be conducted with the Faculty of the Department of Design. This interview will include a review of your design work, explanations of your work, design philosophies, topic/focus of graduate study, and your reasons for pursuing graduate studies.

E. Prerequisites
If you do not have a Bachelor’s Degree in Graphic Design or Interior Design, you will need to take up to 45 hours of undergraduate courses listed below, and/or conduct a portfolio review with the Design Graduate Advisor before beginning the MFA-Design program.

F. Acceptance into the MFA-Design program
The Jackson College of Graduate Studies & Research and the Faculty of the Department of Design will determine the acceptance status of each candidate.

II. Advisement
A. Meet with the Graduate Advisor, who will complete a “Recommandation for Admission to the Jackson College of Graduate Studies and Research” form for qualified students. Upon receipt of the completed recommendation form, the Jackson College of Graduate Studies & Research will admit the student for graduate studies.

B. Upon acceptance into the MFA Design program, the Design Graduate Advisor will prepare, in consultation with the student, the Plan of Study with required, recommended, and elective courses necessary to earn the MFA Design degree.

Recommended Undergraduate Courses
Graphic Design
DES 2113 History of Graphic Design
DES 2122 Graphic Design I
DES 3293 Graphic Design II
DES 2152 Illustration I
DES 3833 Computer Graphics I
DES 4513 Computer Graphics II
DES 4242 Pre-Press Production
DES 4502 Professional Practice

Interior Design
DES 1113 Interior Design I
DES 1333 Residential Design I
DES 2143 Commercial Design I
DES 3123 Lighting for Interior Design
DES 3223 Materials for Interiors
DES 3323 Rendering Techniques
DES 3513 History of Interior Design I
DES 3523 History of Interior Design II
DES 3553 History of Interior Design III
DES 3533 Residential Design II
DES 3563 Custom Furniture
DES 3573 Universal Design
DES 4213 Systems Furniture
DES 4553 Estimating for Interior Design
## MFA Design Curriculum

**60 hours required**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td><strong>Required Courses</strong></td>
<td>12</td>
</tr>
<tr>
<td>PTE 5013 Foundations of Educational Research</td>
<td></td>
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<tr>
<td>PTE 5193 Educational Statistics</td>
<td></td>
</tr>
<tr>
<td>3 hrs of ART History or DES History</td>
<td></td>
</tr>
<tr>
<td>3 hrs of ART History or DES History</td>
<td></td>
</tr>
<tr>
<td><strong>General Electives (5000 level)</strong></td>
<td>15</td>
</tr>
<tr>
<td>(with Graduate Advisor approval)</td>
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</tr>
<tr>
<td><strong>Thesis in Design</strong></td>
<td>12</td>
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<tr>
<td>DES 5983 Thesis Project Proposal</td>
<td></td>
</tr>
<tr>
<td>DES 5993 Thesis</td>
<td></td>
</tr>
<tr>
<td>DES 5993 Thesis Presentation</td>
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<td><strong>Total</strong></td>
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</table>

## Design Professional Preparation

**21 hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design (with Graduate Advisor approval)</strong></td>
<td></td>
</tr>
<tr>
<td>DES 5211 Summer Seminar*</td>
<td></td>
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<tr>
<td>DES 5233 Psychology of Design</td>
<td></td>
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<tr>
<td>DES 5253 Design in Global Cultures</td>
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<tr>
<td>DES 5273 Business of Design</td>
<td></td>
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<tr>
<td>DES 5293 Design Studio*</td>
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<tr>
<td>DES 5913 Seminar in Design</td>
<td></td>
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<tr>
<td>DES 5933 Individual Study in Design</td>
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<tr>
<td>DES 5952 Internship in Design</td>
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<tr>
<td>DES 5971 Study Tour in Design</td>
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<tr>
<td><strong>Graphic Design (with Graduate Advisor approval)</strong></td>
<td></td>
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<tr>
<td>JRN 5283 Advertising Campaigns</td>
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<tr>
<td>ENG 5023 Advanced Technical Writing</td>
<td></td>
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<tr>
<td>DES 5113 History of Graphic Design</td>
<td></td>
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<tr>
<td>DES 5313 Typography Studio*</td>
<td></td>
</tr>
<tr>
<td>DES 5333 Print Design Studio*</td>
<td></td>
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<tr>
<td>DES 5353 Package Design Studio*</td>
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<td>DES 5373 Advertising Design Studio*</td>
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<tr>
<td>DES 5423 Computer Graphics Studio*</td>
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</tr>
<tr>
<td>DES 5443 Illustration Studio*</td>
<td></td>
</tr>
<tr>
<td>DES 5463 New Media Design Studio*</td>
<td></td>
</tr>
<tr>
<td>DES 5483 ClockTower Studio*</td>
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<tr>
<td><strong>Interior Design (with Graduate Advisor approval)</strong></td>
<td></td>
</tr>
<tr>
<td>DES 5513 History of Interior Design I</td>
<td></td>
</tr>
<tr>
<td>DES 5523 History of Interior Design II</td>
<td></td>
</tr>
<tr>
<td>DES 5553 History of Interior Design III</td>
<td></td>
</tr>
<tr>
<td>DES 5613 Lighting Design Studio*</td>
<td></td>
</tr>
<tr>
<td>DES 5633 Computer Drafting Studio*</td>
<td></td>
</tr>
<tr>
<td>DES 5653 Residential Design Studio*</td>
<td></td>
</tr>
<tr>
<td>DES 5713 Commercial Design Studio*</td>
<td></td>
</tr>
<tr>
<td>DES 5733 Furniture Design Studio*</td>
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</tr>
<tr>
<td>DES 5753 Environmental Design Studio*</td>
<td></td>
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<tr>
<td>DES 5773 Charles Evans Studio*</td>
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<tr>
<td><strong>Total</strong></td>
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</tbody>
</table>

*May be repeated for credit, up to 9 hours*
**Program:** Music  
**Degree:** Master of Music (M.M.)  
**School of Music**  
**College:** Arts, Media & Design

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**Master of Music (M.M.)**

**With Areas of Preparation in Music Education or Performance**

The Master of Music is a flexible program which allows the student to concentrate in his/her area of specialization in a program that develops performing, teaching, and creative skills while providing the student with a deeper and more comprehensive understanding of his/her area than can be obtained on the undergraduate level.

The University of Central Oklahoma and the School of Music have developed this program to help meet the needs of a growing urban population engaging in adult education by providing an opportunity for working students in the metropolitan and surrounding areas to earn the degree during summer, evening and night classes as well as during the day.

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**I. Admission Requirements for the Master of Music Program:**

Students seeking a Master of Music must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

**Note:** No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards of an overall GPA of 2.50 overall, or 2.75 GPA in the last 60 hours attempted.

B. Meet with the assigned advisor(s) and work out a plan of study. A copy of this plan of study, signed by the student and the advisor(s), should be filed with the JCGS&R no later than the end of the first semester of enrollment.

C. Hold a music degree from an accredited institution.

D. Take the Advisory Examination in Music no later than the first term of enrollment.

E. Complete all prerequisites for the Master of Music Degree or Standard Teaching Certificate in Music.

**In addition, candidates for the Master of Music degree with professional preparation in performance must pass an entrance audition in their applied area.**

**II. Advisory Examination**

The student’s qualifications are assessed by means of the Advisory Examination which is prepared, administered, and graded by the School of Music. The Advisory Examination includes written tests in music theory/aural skills and music history/literature. The committee administering the Advisory Examination will notify the graduate advisor in Music of the results of the examination for each Master’s Degree candidate, and in turn, the advisor will recommend suitable course work for each.

The Advisory Examination is given no later than the end of the first week of each regular semester, and no later than the first week of each summer session. Every graduate student working toward a degree in the School of Music must take the Advisory Examination during his/her first term of enrollment.

**III. Advisory Committee**

Every candidate for the Master of Music degree shall be appointed an advisory committee consisting of a chairperson and two other graduate faculty members. All course choices must be approved by the advisory committee. By the end of the first semester of study, a formal plan of study, signed by the graduate music advisor and each committee member, must be submitted to the Jackson College of Graduate Studies & Research. The committee shall approve and assist in the preparation of graduate projects and shall serve as a jury for the candidate’s graduate recital or oral examination.

**IV. Comprehensive Review and Final Project**

Every candidate for the Master of Music degree must, at the conclusion of course work, pass a written comprehensive examination based on all courses taken.

In addition, every candidate for the Master of Music degree with preparation in performance must perform a graduate recital as a final project, and every candidate with a preparation in music education must present a thesis, recital, lecture-recital, composition or other approved project. Satisfactory work in 5901-4 Practicum, or 5991-4 Thesis, plus an oral examination concerning the project, shall constitute completion of the music education requirement.

**V. Master of Music Curriculum**

**32 hrs**

A. Professional preparation  
   12-16 hrs  
   (including recital or final project)

   Select:
   1. Performance
      or
   2. Music Education

B. Music History and Literature  
   6 hrs

C. Music Theory  
   6 hrs

D. Research Methods  
   2 hrs

E. Electives*  
   2-6 hrs

For candidates with professional preparation in performance, the curriculum must include nine hours of applied study, three hours of graduate recital, and two hours of pedagogy (MUS 5202 Vocal, MUS 5882 Piano, MUS 5522 Woodwind, MUS 5512 Brass, MUS 5532 String, or MUS 5542 Precussion Pedagogy). In addition, all vocal candidates are required to demonstrate proficiency in Italian, French, and German diction, either through a record of diction study at the undergraduate level or through examination. If vocal candidates are not proficient in diction, they must take undergraduate diction concurrent with their graduate studies.

*In the Music Education Professional Preparation Program, applied music will be required in lieu of some elective hours.
College of
Business Administration
Program: Business Administration
Degree: Master of Business Administration (M.B.A.)

**Master of Business Administration (M.B.A.)**

The Master of Business Administration (MBA) Degree at the University of Central Oklahoma is designed for students who desire a broad preparation for executive and administrative positions in business, industry, government, and education. Within the flexible, personalized curriculum, courses deal with present day problems faced by modern business institutions and assist the student in developing his/her ability to manage effectively with these problems.

The College of Business Administration (CBA) is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) as well as the North Central Association of Schools and Colleges.

**Mission**

The MBA Program at the University of Central Oklahoma exists to provide a broad preparation for executive and administrative positions in business, industry, government, and education.

**Goals**

Graduates from the University of Central Oklahoma MBA Program will understand the following:

- leadership qualities and skills;
- effective communication in a variety of settings;
- ethical behavior and social responsibility in all relationships;
- the implications of a global economy;
- the need for continuous improvement;
- business and economic principles, concepts, terminologies, methods, techniques, and applications;
- effective decision-making-strategic, tactical, and operational;
- business functions - especially the three primary functions of marketing, finance, and operations;
- business processes and their relationship to productivity, quality, and competitiveness;
- the role of information technology in today’s business environment; and
- the importance of continuous learning to insure that students’ knowledge remains current in an ever changing business and social environment.

**I. ADMISSION**

The CBA at UCO welcomes applications from graduates in all fields who hold bachelors’ degrees from accredited colleges or universities. Applicants are evaluated based on academic ability, as evidenced by a strong undergraduate record, performance on the Graduate Management Admission Test® (GMAT), maturity, motivation, leadership, communication skills, and interest in professional management. The admission standards ensure that applicants admitted to the Jackson College of Graduate Studies & Research are well qualified and trained to study at UCO and have a reasonable expectation of successfully completing the Program.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Application Deadline</th>
</tr>
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<tbody>
<tr>
<td>Fall</td>
<td>July 1(^{st})</td>
</tr>
<tr>
<td>Spring</td>
<td>November 1(^{st})</td>
</tr>
<tr>
<td>Summer</td>
<td>April 1(^{st})</td>
</tr>
</tbody>
</table>

*A Note: or equivalent percentile performance (1000 for admission consideration or 800 for conditional admission consideration) combining the Verbal and Quantitative sections of the Graduate Record Exam (GRE)*

**II. ADMISSION PROCEDURE**

The applicant must provide the required documents for admission to the Jackson College of Graduate Studies & Research and the MBA Program. It is the obligation of the applicant to present satisfactory evidence to support the application. Applications for admission and supporting materials are processed by the Jackson College of Graduate Studies & Research as they are received for admission for the semester indicated on the application form.

A. Submit all application documents for MBA graduate admission to the Jackson College of Graduate Studies & Research (University of Central Oklahoma, 100 N University Drive, Box 117, Edmond, Oklahoma, 73034) no later than the following date:

- **Fall:** July 1\(^{st}\)
- **Spring:** November 1\(^{st}\)
- **Summer:** April 1\(^{st}\)

B. Submit all of the following required documents to the Jackson College of Graduate Studies & Research by the application deadline to be considered for admission.

1. Application for Graduate Admission to the Jackson College of Graduate Studies & Research. See page 19.
2. A $25 application fee paid at the Bursar’s Counter, University Center, Room 134.
3. Official undergraduate and graduate transcripts from each institution attended. Proof of degree completion must be provided prior to formal admission. The transcript bearing the degree must be from an accredited institution.
4. Official GMAT results
5. Current Resumé
6. Two Recommendation Forms/Letters from former instructors, employers, or other professionals who can evaluate the applicant’s potential to complete graduate study.

C. Upon notification of acceptance from the Jackson College of Graduate Studies & Research, schedule an appointment with the MBA Director to determine prerequisites, if any, and finalize admission.

International students must contact the International Student Office for admission procedures. (University of Central Oklahoma, 100 N. University Drive, Campus Box 163, Edmond, Oklahoma, 73034, (405) 974-2390. E-mail: int-offc@ucok.edu)
III. ADMISSION REQUIREMENTS

Students seeking an MBA must fulfill the following requirements before they will be considered for formal admission to the MBA Program:

A. Minimum 3.0 overall undergraduate GPA OR minimum 3.25 undergraduate GPA in the last 60 hours
B. Minimum 450 GMAT score
C. Approval from the MBA Admissions Committee

An individual who does not meet these standards but has a minimum 2.5 overall undergraduate GPA OR minimum 2.75 undergraduate GPA in the last 60 hours AND a minimum 400 GMAT score may apply, as a limited number of students may be accepted conditionally based on other factors. These students must complete additional requirements as specified by the MBA Director on the MBA Program Worksheet.

GMAT scores will be accepted as valid up to 5 years from the date of the exam. The GMAT is designed to help graduate schools of business assess the qualifications of applicants for advanced study in business and management. The GMAT measures general verbal and mathematical skills. It does not test specific knowledge obtained in college coursework or measure achievement in a particular subject area. For up-to-date information about the availability of test centers, call the Prometric Testing Center at 405-843-8378 or 1-800-473-2255. In addition, the website at http://www.mba.com contains official GMAT information, sample test questions, and a list of testing sites and phone numbers.

IV. MBA PROGRAM EXPECTATIONS

Students entering the MBA program are expected to be proficient in word processing, database, and spreadsheet. No course work is required to fulfill these criteria. Knowledge derived from professional or personal experience will qualify. If a student feels that he or she does not have the necessary base of knowledge to fulfill this requirement, there are various undergraduate courses available that would be helpful to increase computer knowledge and experience.

V. MBA PROGRAM PREREQUISITES

The following is a list of prerequisites to the MBA Program which may be waived wholly or in part for the student who has demonstrated satisfactory performance by earning a grade of "C" or better in the appropriate business administration course work or may be required after acceptance to the Program as part of the graduation requirements. The MBA Director will make the determination of equivalency. All of the prerequisites or the equivalent must be completed prior to enrolling in graduate courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2113</td>
<td>Accounting I</td>
</tr>
<tr>
<td>ACCT 2133</td>
<td>Accounting II</td>
</tr>
<tr>
<td>ECON 2173</td>
<td>Principles of Business Statistics</td>
</tr>
<tr>
<td>ECON 2103</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ECON 2203</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>FIN 3563</td>
<td>Fundamentals of Business Finance</td>
</tr>
<tr>
<td>ISOM 3263</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td>ISOM 3313</td>
<td>Production and Operations Management</td>
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<tr>
<td>LS 3113</td>
<td>Legal Environment of Business</td>
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<tr>
<td>MATH 2053</td>
<td>Calculus and Statistics for Business</td>
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<tr>
<td>MGMT 3103</td>
<td>Fundamentals of Management</td>
</tr>
<tr>
<td>MRKT 3013</td>
<td>Fundamentals of Marketing</td>
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VI. MBA PROGRAM CURRICULUM 36 hours

A. Required Core Courses* 21 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>** ACCT 5103</td>
<td>Controllership &amp; Decision Accounting</td>
</tr>
<tr>
<td>** ISOM 5533</td>
<td>Management Science</td>
</tr>
<tr>
<td>** FIN 5333</td>
<td>Financial Administration &amp; Control</td>
</tr>
<tr>
<td>MGMT 5023</td>
<td>Business Policy</td>
</tr>
<tr>
<td>MKTG 5123</td>
<td>Marketing Management</td>
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</table>

Select ONE course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 5103</td>
<td>Microeconomic Analysis</td>
</tr>
<tr>
<td>ECON 5503</td>
<td>Macroeconomic Analysis</td>
</tr>
</tbody>
</table>

*All core classes have comprehensive final examinations.

**Take during the first 12 hours.

B. Capstone Course 3 hours

(Must be taken at UCO during last 12 hours - minimum grade of "B" required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 5543</td>
<td>Integrated Functions of the Firm</td>
</tr>
</tbody>
</table>

C. Graduate Level Business Electives 12 hrs

Six hours must be in residence at UCO.

VII. REQUIREMENTS FOR GRADUATION

A. Complete all MBA degree requirements with an overall graduate GPA of 3.00 (on a 4.00 scale) for all graduate course work attempted and a graduate 3.00 GPA for all course work attempted in residence at the University of Central Oklahoma with the two GPAs calculated separately.

B. Pass all Required Core courses and Capstone Course with a grade of "B" or better in each course. A maximum of two retakes (including audits and withdrawals) will be permitted per course in order to satisfy this requirement.

C. Satisfy minimum course grade requirements. No more than six hours of graduate course work with a grade of "C" will be accepted toward the MBA degree requirements and no grade of "D" or lower will apply to the degree requirements. If a student earns a grade of "C" or lower in a REQUIRED CORE COURSE or CAPSTONE COURSE, the course must be repeated. A grade of "D" or lower in an ELECTIVE course does not have to be repeated; however, the elective will not apply to the MBA program. A different elective may be taken. All graduate grades, whether repeated or not, will apply to the graduate GPA calculations.
D. Complete at least 30 graduate hours in residence. Required CORE and CAPSTONE courses must be taken in residence at the University of Central Oklahoma.

VIII. THESIS (Optional)

A thesis has a value of 2 to 6 hours of credit depending upon the decision of the thesis committee. It counts as graduate level business elective credit and is included in the 36 hours required for the degree. Business Research Methods (BCOM 5303) must be taken prior to writing the thesis. Refer to the section entitled Special Requirements for Continuous Enrollment in the Graduate Catalog for information regarding the enrollment requirements.

The topic selected for the thesis must be approved in advance by the student's thesis committee chairperson, who will also provide the general supervision of the student’s thesis preparation.

Students who elect to write a thesis must check with the MBA Director to select a sufficient number of graduate faculty members to serve on the thesis committee and to obtain a copy of the MBA thesis format requirements.

Any graduate student who elects to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies & Research will be present at the defense. See required documentation for theses elsewhere in this catalog.

IX. TRANSFER COURSE CREDIT

Courses eligible for transfer must be taken for graduate credit at the institution from which the credit is being transferred. If the institution is not accredited by either the ACBSP or the AACSB, transfer credit must be approved by the MBA Advisor.

Transfer courses apply toward the MBA degree only as electives or to satisfy prerequisite requirements. Exceptions may be appealed in writing to the MBA Director by the graduate student. Official course content documentation is required. No transfer course with a grade lower than a “B” will be accepted, and no more than six (6) hours of transfer course work will apply toward the Elective Course requirements of the MBA program. Also, the MBA Director must approve course transfers.
College of Education
Program: Adult Education

Degree: Master of Education (M.Ed.)

Adult Education (M.Ed.)

The Master of Education in Adult Education is a specialized program designed for the individual who wishes to work in a variety of environments for adults.

The Community Service option provides the student with preparation to work in education, training, and service oriented environments for the adult community. These may include public school adult basic education, vocational education programs for adults, adult education counselors, trainers in the corporate world, teachers in churches, and senior citizen centers, to name a few.

The Gerontology option provides the student with a base of information and experiences, in and out of the classroom, for dealing with the many aspects of aging. Many of today’s concerns with a more mature population are explored.

The University of Central Oklahoma’s Adult Education-Gerontology program is at the leading edge of educational programs in the State of Oklahoma as higher education in the state attempts to deal with the changing demands of an older population, from health care needs, to the physical effects of aging, to activities available for adults. All of these and more are covered in both options of this very popular program at UCO.

I. Admission Requirements for the M.Ed. in Adult Education Program:

Students seeking an M.Ed. in Adult Education must fulfill the following requirements before being formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

B. The student must submit a writing sample to the Program Advisor during the first semester of course work. The student is responsible for arranging a time for the writing sample to be completed.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

II. M.Ed. in Adult Education Curriculum 32 hrs

The Adult Education program offers two options:

- Community Service
- Gerontology

The following includes a list of courses common to the two options and basic requirements for each option.

Area A - Common courses for both options 3 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
</tbody>
</table>

Area B - Requirements for the two options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Community Service</td>
<td>18-21 hrs</td>
</tr>
<tr>
<td>2 - Gerontology</td>
<td>22-25 hrs</td>
</tr>
</tbody>
</table>

Area C - Approved electives to total 32 hours

Capstone Course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADED 5893</td>
<td>Adult Education Training*</td>
</tr>
</tbody>
</table>

* Required Prerequisites for Capstone Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
<tr>
<td>ADED 5132</td>
<td>History &amp; Philosophy of Adult Education</td>
</tr>
<tr>
<td>ADED 5313</td>
<td>Techniques of Teaching Adults</td>
</tr>
<tr>
<td>ADED 5823</td>
<td>Nature &amp; Characteristics of the Adult Learner</td>
</tr>
</tbody>
</table>

Specific curriculum information can be obtained from the Occupational and Technology Education Office or the College of Education Office.

General Comments

Students who are interested in this degree must consult the advisor before starting the program. Although the basic program is established, elective hours may be selected by each student with the advisor’s approval. The degree program has been established to accommodate a wide variety of needs and interests of the adult population. The emphasis in the Gerontology option is on the “humanistic” approach, recognizing that aging is a developmental stage.

Anticipated Interest Groups for Gerontology Option:

A. Students who are interested in working with the elderly.
B. Nursing home personnel including administrators, activity directors, and nurses.
C. People in health occupations.
D. Directors, outreach workers, etc., involved with senior citizen centers, retirement homes, mobile meals programs, agencies currently working with the elderly, e.g., area wide agency on aging.

Anticipated Interest Groups for Community Service Option:

A. Business and industry trainers.
B. Educational consultants.
C. External trainers and consultants.
D. Career and technology students.
E. Administrators of adult education programs in business, industry, churches, municipalities, military services, etc.
F. Adult education teachers and counselors.
Early Childhood Education (M.Ed.)

The Early Childhood Education program is designed to provide an advanced program of study focusing on the developmentally appropriate care and education of children from birth through age eight within various early childhood and elementary school settings.

The student will be given the opportunity to demonstrate a basic knowledge of educational research including: research procedures and methods; sources and formats utilized for presenting education research; critical review of research reports; and the preparation and defense of a research proposal.

The Early Childhood Education program emphasizes the whole child and exposes the student to the scientific knowledge bases regarding: 1) development of children, 2) learning theory, and 3) appropriate educational practices as well as the opportunity to develop competence in working with parents of young children.

The scientific and theoretical foundation for the program is the study of the Constructivist Theory as it relates to cognitive and affective development and the implications for the care and education of young children. The curriculum is designed to provide an individualized program of study based on the student’s experience and professional goals.

Other areas addressed will include: assessment issues and techniques, multicultural aspects of child development, principles of play in child development, principles of guidance, professionalism and advocacy.

I. Admission Requirements for the M.Ed. in Early Childhood Education Program:

Students seeking an M.Ed. in Early Childhood Education must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research, who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Supply the Jackson College of Graduate Studies & Research with a current Oklahoma standard teaching certificate or license in Early Childhood Education.

II. Early Childhood Education Curriculum 34 hrs

Professional Education 12 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
<tr>
<td>ECED 5223</td>
<td>Educational Practices of Constructivist Teachers</td>
</tr>
<tr>
<td>ECED 5153</td>
<td>Developmental Assessment Issues in Early Childhood</td>
</tr>
<tr>
<td>ECED 5433</td>
<td>Theoretical Perspectives of Learning and Practice</td>
</tr>
</tbody>
</table>

Early Childhood Education 15 hrs

** ECED 5512 Professionalism and Advocacy in Early Childhood (to be taken in the first summer in the program)
** ECED 5232 Affirming Diversity: Multicultural Education in Practice
** ECED 5042 Leadership: Empowering Families, Communities, Schools
** ECED 5063 Development, Learning, Family Involvement: Birth through Three
** ECED 5103 Development, Learning, Family Involvement: The Child From 4-8
** ECED 5903 Practicum: Early Childhood (Capstone experience to be taken during the last six hours of program)

ECED 5952 Internship in Early Childhood (By permission only)

** Required for all degree candidates

Electives (approved) 7 hrs
Graduate Catalog, 2004-2005

Program: Education
Degree: Master of Education (M.Ed.)

College: Education

General Education Option (M.Ed.)

The Master of Education in Education has three options.
- **General Education**
- **Secondary Education**
- **Bilingual Education/TESL**

**General Education Option**

The General Education option is a 33-hour degree program designed to prepare qualified individuals to work in an educational environment relating to a **specific** discipline. The program encompasses (1) an orientation to education in the field of research and scholarly activities, (2) an introduction to an educational history and philosophy discipline, (3) an introduction to curriculum development and design, (4) evaluation strategies in education, and (5) teaching strategies in an educational environment. The program also provides the opportunity for students to develop in-depth knowledge in their chosen discipline and endeavors to produce educator-scholars with research skills that are sufficient for a career in their discipline-specific area. Specific objectives include:

1. To produce educator-scholars who understand the foundations and applications of their discipline;
2. To produce educator-scholars with an in-depth knowledge in their specific discipline;
3. To produce educator-scholars who are able to integrate and disseminate knowledge effectively;
4. To produce educator-scholars who understand the nature and characteristics of curriculum content and development;
5. To produce educator-scholars who are able to communicate effectively in their discipline;
6. To produce educator-scholars with research skills sufficient for understanding and producing personal and work-related scholarships.

**General Education Option:**

I. **Admission Requirements**

Students seeking the M.Ed. in Education-General Education must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for and complete all admission requirements for the Jackson College of Graduate Studies and Research, Room 404, NUC. See page 19.

B. The grade point requirement for this program is a 2.75 GPA overall in an undergraduate degree program. All students must complete 14-15 hours in the Core Education—Area A and Area B—on the plan of study and must achieve a 3.0 in those core education courses to continue in the program. No other courses, except the 14-15 hours in the Core Education Areas on the Plan of Study, will be counted towards this master’s degree program.

C. The student must submit a writing sample to the Program Advisor during the first semester of course work. The student is responsible for arranging a time for the writing sample to be completed.

II. **General Education Option Curriculum** 33 hrs

A. Professional Education 11-12 hrs
   (1 course from each area as identified on the plan of study)
   1. Methods of Research 3 hrs
   2. History/Philosophy in an Education area 2-3 hrs
   3. Curriculum Development 3 hrs
   4. Assessment/Evaluation 3 hrs

B. Methods of Teaching course in Specialization Area is required 3 hrs

C. Courses to meet the discipline-specific area 18-19 hrs

The student and the discipline advisor and graduate advisor will determine the specific courses to be taken. A discipline-specific area requires 18-19 hours in that discipline. **For example:** If a student chooses Business as their discipline area, the student must choose a specific field of business, such as Management. The student must complete 18 hours in the Management discipline. If there is a complementary course in a different business discipline, such as Marketing, determination for allowing that class will be made by the Graduate Advisor for this program.

The areas specific to this degree program are: Health and Physical Education, Art, Business Administration, Industrial Safety, Occupational and Technology Education, and English with a TESL emphasis. Any other discipline-specific area must be approved by the discipline specific advisor and the graduate program advisor. The discipline areas for this degree program have approved curriculum that the student must adhere to in their selected degree program. **Altering of course curriculum without prior approval could cause a delay in graduation from the program.**
Secondary Education Option (M.Ed.)

The Secondary Education option is designed for professional educators who seek a broader cultural and professional learning experience than is possible to achieve on the undergraduate level. The curricular program of each student is designed to improve the instructional knowledge and/or specific techniques and skills which will be required in professional work.

Each student has an opportunity to study a specific curricular area and to explore the American educational system.

The student will be given the opportunity to demonstrate a basic knowledge of educational research including: research procedures and methods; sources and formats utilized for presenting education research; critical review of research reports; and the preparation and defense of a research proposal.

Other areas covered include: Increasing understanding of the development of adolescence and social forces on adolescence and implications for the classroom; increasing the knowledge base of student learning and behavior both individually and in a classroom setting; and establishing and maintaining appropriate human relationships with students, parents, teachers, administrators, and other pertinent individuals.

Secondary Education Option:

I. Admission Requirements

Students seeking an M.Ed. in Education - Secondary Education option must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.
B. Meet one of the following criteria.

1. Have a GPA of 3.00 on a 4.00 scale in all undergraduate course work
2. A 3.25 GPA on a four point scale in the last 60 hours completed

Select one of the following three courses:

- PTE 5112 Modern Philosophies of Education
- PTE 5142 History of Education
- PTE 5172 Educational Sociology

II. Secondary Education Option Curriculum 32 hrs

The student will designate the area of specialization he/she wishes to study as part of the Master of Education in Education - Secondary Education Option.

<table>
<thead>
<tr>
<th>A. Professional Education 15 hrs min</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Prof. Education Required Course Work 12 hrs</td>
</tr>
<tr>
<td>PTE 5013 Foundations of Educational Research</td>
</tr>
<tr>
<td>PTE 5203 Advanced Educational Psychology</td>
</tr>
<tr>
<td>PTE 5832 Advanced Psychology of Adolescence</td>
</tr>
<tr>
<td>PTE 5912 Capstone Experience - Seminar</td>
</tr>
<tr>
<td>(Capstone Experience is to be completed during the last Spring semester of enrollment)</td>
</tr>
</tbody>
</table>

Select one of the following three courses:

- PTE 5112 Modern Philosophies of Education
- PTE 5142 History of Education
- PTE 5172 Educational Sociology

2. Professional Education Electives 3 hrs min

Select three hours minimum from any of the following courses:

- PTE 5283 Fundamentals of Curriculum Development for Secondary Schools
- PTE 5322 Problems of Teaching in the Secondary School
- PTE 5383 Principles of Tests and Measurements
- PTE 5413 Educational Statistics

Any of the following that was not completed for area A:

- PTE 5112 Modern Philosophies of Education
- PTE 5142 History of Education
- PTE 5172 Educational Sociology

B. Teaching Specialization 8 hrs min

Select eight (8) semester hours of graduate level coursework in the teaching specialization area in which the person holds teacher certification. Consult with the specialization area program advisor.

C. Approved Related Electives to total 32 hours

Additional courses taken from Areas A or B above or courses taken for graduate credit that count toward teacher certification may be counted in this area.

The Jackson College of Graduate Studies & Research requires written approval from the Program Coordinator for courses not taken under “A” or “B” above.
Program: Bilingual Education/TESL  
Degree: Master of Education (M.Ed.)  
College: Education

### Bilingual Education/TESL Option (M.Ed.)

The Masters of Education degree in Bilingual Education/Teaching English as a Second Language (TESL) Option is designed to prepare teachers to work with the ever increasing number of non- and limited English proficient students in Oklahoma’s schools. The program provides already-certified teachers the training to better assist K-12 English language learners who are struggling to survive and succeed academically. The program provides students with the foundations of research, language acquisition theory, and history and philosophy, as well as current instructional and assessment practices, and grounding in English language structure and usage.

The program allows students to complete the 24-hour course requirements of UCO’s state-approved program for a teaching credential designation in Bilingual/Multicultural Education and/or English as a Second Language (non-testing endorsements) and apply them toward the 33-hour degree requirements. Students not holding Oklahoma teaching certification, but otherwise eligible for admission, may be required to complete other prerequisites.

Specific program objectives focus on developing the knowledge, skills and dispositions for professionals in the fields of Bilingual Education and/or Teaching English as a Second Language. They include the following:

1. Apply knowledge of the processes of language acquisition and bilingualism to the development of classroom instructional activities.
2. Incorporate a variety of developmentally appropriate methods, techniques, and educational technology, into oral and written language development and across the curriculum.
3. Infuse into the curriculum an appreciation for cultural diversity and awareness of the influences of cultural background and experience in the educational process.
4. Develop and implement strategies to promote effective parental and community involvement in the schooling process.
5. Identify limited English proficient students and monitor their language and academic needs by developing, administering, and/or interpreting appropriate assessment.
6. Diagnose and prescribe individualized instruction and mainstreaming techniques that reflect an understanding of diverse learning styles.
7. Demonstrate classroom management techniques for various types of program models in bilingual and multilingual settings.

#### Admission Requirements, Bilingual Education/TESL Option:

Students seeking an M.Ed. in Education - Bilingual Education/TESL option must fulfill the following requirements before they will be formally admitted to the program:

- **A.** Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

### B. Core Areas 21-22 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESL 5103</td>
<td>English Language</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5123</td>
<td>Methods &amp; Materials for Bilingual Instruction</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5133</td>
<td>Cultural/Linguistic Diversity in the Schools</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5763</td>
<td>Second Language Acquisition</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5783</td>
<td>Teaching English as a Second Language</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5143</td>
<td>Teaching Reading to English Language Learners</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5163</td>
<td>ESL in Content Areas</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5183</td>
<td>Methods &amp; Materials for Bilingual Instruction</td>
<td>6 hrs</td>
</tr>
<tr>
<td>TESL 5213</td>
<td>Cultural/Linguistic Diversity in the Schools</td>
<td>6 hrs</td>
</tr>
</tbody>
</table>

#### C. Approved Electives to total 33 hrs

- **1. Specialization** 15-16 hrs
  - TESL 5113 | Teaching Reading to English Language Learners | 6 hrs |
  - TESL 5123 | Methods & Materials for Bilingual Instruction | 6 hrs |
  - TESL 5143 | Teaching Reading to English Language Learners | 6 hrs |
  - TESL 5163 | ESL in Content Areas | 6 hrs |
  - TESL 5213 | Cultural/Linguistic Diversity in the Schools | 6 hrs |
  - TESL 5763 | Second Language Acquisition | 6 hrs |
  - TESL 5783 | Teaching English as a Second Language | 6 hrs |
  - TESL 5843 | Teaching English as a Second Language | 6 hrs |

- **2. English**
  - ENG 5283 | English Grammar and Usage | 3 hrs |
  - ENG 5343 | Linguistics | 3 hrs |
  - ENG 5323 | History of English Language | 3 hrs |
  - ENG 5413 | TESL Grammar | 3 hrs |

- **3. Measurement and Psychology**
  - PTE 5013 | Foundation of Educational Research | 3 hrs |
  - PTE 5023 | History, Philosophy and Measurement in Education | 3 hrs |

- **4. Media and Curriculum**
  - TESL 5783 | Teaching English as a Second Language | 3 hrs |

- **5. Research**
  - ENG 5713 | Research Methods and Techniques | 3 hrs |
  - ENG 5723 | Research Methods and Techniques | 3 hrs |
  - ENG 5733 | Research Methods and Techniques | 3 hrs |
  - ENG 5743 | Research Methods and Techniques | 3 hrs |
  - ENG 5823 | Research Methods and Techniques | 3 hrs |

- **C. Approved Electives to total 33 hrs**

The Capstone experience for Bilingual/TESL Multicultural option will be one of the three options listed below and will be determined through advisement with the program coordinator:

1. A comprehensive written exam to evaluate the student’s ability to apply, analyze and synthesize critical concepts related to the plan of study.
2. A practicum experience to be taken during the last six hours of the program. The practicum will require students to be monitored and supervised in an applied setting working with limited English proficient students. Elements of competencies matching the program objectives will be evaluated.
3. Students already working in an applied setting may opt for assessment through an action research project in which specific phenomenon related to second language learners are examined in an authentic classroom setting.
Education Administration (M.Ed.)

The Master of Education in Educational Administration offers a degree in school administration K-12. The degree program is based on requirements for the Elementary or Secondary School Principal Standard Certificate as set forth by the Oklahoma State Department of Education.

The Educational Administration degree program prepares school leaders who demonstrate the knowledge and skills required of future administrators. The curricula is designed in an integrated problem-based mode to promote an understanding of the relationships between the various knowledge and skill areas in educational leadership. Clinical internship tasks and field experiences provide the necessary transition from the study of content areas toward a more realistic workplace experience.

I. Admission to the M.Ed. in Educational Administration Program:

Students seeking an M.Ed. in Educational Administration must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Gain admission to the Educational Administration program.

C. Successfully complete the admission folder and interview requirement before completion of 9 graduate hours.

D. Supply the Jackson College of Graduate Studies & Research with a current Oklahoma Standard Teaching Certificate or License.

E. Must have two years successful teaching experience in an accredited school.

F. Successfully complete the School Administration Portfolio requirements.

Note: A student pursuing a master’s degree is required to complete all admission requirements by the end of the semester in which the student has completed 9 graduate hours.

II. School Principal Certification Requirements

Please see detailed pages regarding Oklahoma State Department of Education requirements for Elementary and Secondary School Principal Certification in the Teacher Certification area.

III. M.Ed. in Educational Administration 34 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundation of Education Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>* EADM 5543</td>
<td>Fund. of Public School Admin.</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PTE 5153</td>
<td>Advanced Developmental Psychology in an Educational Setting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5453</td>
<td>Interpersonal Relationships/School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5673</td>
<td>School Personnel Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5683</td>
<td>Curriculum Leadership</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5353</td>
<td>Computer Applications and Technology for School Administrators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5623</td>
<td>Supervision &amp; Eval. of Instruct.</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5553</td>
<td>Legal Aspects of School Admin.</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5583</td>
<td>Public School Finance</td>
<td>3 hrs</td>
</tr>
<tr>
<td><strong>EADM 5814</strong></td>
<td>Principalship/Internship</td>
<td>4 hrs</td>
</tr>
</tbody>
</table>

*Must be taken within the first nine hours of the program of study at UCO.

**Must be taken the semester prior to graduation or in the Spring prior to a Summer graduation.
Elementary Education (M.Ed.)

The Elementary Education program is designed to provide a more advanced program of study for teachers in Elementary School settings.

The student will be required to demonstrate a basic knowledge of educational research including: research procedures, and methods; sources and formats utilized for presenting education research; critical review of research reports; and the preparation and defense of a research proposal.

The curriculum is designed to provide an individualized program of study based on the student’s experience and professional goals. The student will be required to demonstrate their knowledge in the following areas: curriculum theory and development; theoretical basis of instructional practices; current practices, innovations, and trends in various subjects; current instructional materials; norm-referenced and criterion-referenced evaluation of pupils’ progress including development, use, interpretation, and reporting; social class and cultural background differences among students and their implications; methods of developing and implementing instructional programs for culturally different pupils; historical development of elementary education in America; the impact of society and social change on the educational process; and major philosophical views of education and their relation to educational theory and practice.

I. Admission requirements for M.Ed. in Elementary Education Program:

Students seeking an M.Ed. in Elementary Education must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research, who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Supply the Jackson College of Graduate Studies & Research, with a document showing a current Oklahoma standard teaching certificate or license in Elementary Education.

II. M.Ed. in Elementary Education Curriculum 36 hrs

Initial Certification or Degree in Elementary Education - 12 hours.

Students who do not hold a certificate or degree in Elementary Education may apply up to 12 hours of their Master’s degree if they are taken at the graduate level. (These double-listed undergraduate/graduate {4000/5000} level courses will be specifically listed by course number on the Plan of Study.) It is possible that certification requirements and the student teaching experience will exceed the 12 hours, but will be necessary to apply for certification. This component must be completed prior to the Professional Education and Elementary Education core graduate courses.

Professional Education - Required 6 hrs

PTE 5013 Foundations of Educational Research
Take one of the following:

PTE 5822 Advanced Psychology of Childhood OR
PTE 5153 Advanced Developmental Psychology in an Educational Setting

Elementary Education Core - Required 18 hrs

Take each course in this section:

ELED 5253 Inquiry Science for Elementary Teachers
ELED 5733 Teaching for Mathematics Understanding
ELED 5223 Literature-Based Language Arts Instruction
ELED 5753 Social Studies in a Global Environment
READ 5913 The Balanced Reading Program - from Phonics to Comprehension
ELED 5913 Elementary Educ. Capstone Seminar

Select one of the following:

a. Analysis of the National Boards for Professional Teaching Standards
b. Action research
c. Thesis

Curriculum enhancement 0-12 hrs

Students who hold an undergraduate Elementary Education degree or certification will select elective courses to total 36 hours from any of the following areas:

a. Seminars, workshops or institutes in elementary education
b. Content support courses in liberal arts, mathematics or the sciences
c. Courses approved by an advisor

Total 36 hrs
Family and Child Studies (M.S.)

The Master of Science in Family and Child Studies is a life-span study of the family from birth to death. After completing the core courses, a plan of study is customized for each student depending on the student’s undergraduate degree and future professional plans. The total number of credit hours required will vary to facilitate the certification, licensure or specialization area selected by the student.

This degree program can lead to a certification in Family Life Education from the National Council of Family Relations. The Certified Child and Parenting Specialist credential is also available to those graduates who take the required examination and internships. This curriculum provides limited groundwork for the Licensed Marriage and Family Therapist (LMFT) state licensure.

A Child Study Center provides the practical part of this specialization, with hands-on experience and opportunities for research. A two-semester (400 clock hour) Internship is required during the last two semesters of the student’s plan of study. The student who has an undergraduate degree in another discipline will be required to take 15 hours of undergraduate courses as prerequisites.

I. Admission Requirements for the M.S. in Family and Child Studies Program:

Students seeking an M.S. in Family and Child Studies must fulfill the following requirements before being formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.
B. Meet GPA of 2.75 overall or 3.00 in the last 60 hours, or attain a combined score of 900 on any two of the three GRE scales.
C. Meet with the Graduate Advisor to complete a recommendation for Admission to the Jackson College of Graduate Studies & Research.
D. Student and advisor will work out a plan of study. A signed, completed copy of a formal plan of study must be filed with the Advisor and the JCGS&R by the completion of the first semester.
E. Complete at least twenty-four (24) hours at University of Central Oklahoma and the last eight hours must be taken at UCO.

Specialization 30 hrs

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>FMCD</td>
<td>Theories in Family and Child Studies</td>
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<tr>
<td>FMCD</td>
<td>Family Dynamics</td>
</tr>
<tr>
<td>FMCD</td>
<td>Ethics &amp; Issues in Family &amp; Child Studies</td>
</tr>
<tr>
<td>FMCD</td>
<td>Life Span Development in Family/Child Studies</td>
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<tr>
<td>FMCD</td>
<td>Professional Development in Family and Child Studies</td>
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<td>FMCD</td>
<td>Parent Education</td>
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<tr>
<td>FMCD</td>
<td>Family Law and Public Policy</td>
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<tr>
<td>SAS</td>
<td>Substance Abuse and the Family</td>
</tr>
<tr>
<td>ECED</td>
<td>Theoretical Perspectives of Learning/Practice</td>
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<tr>
<td>GER</td>
<td>Bereavement Counseling</td>
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<tr>
<td>PSY</td>
<td>Evolution of Human Sexual Behavior</td>
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Option 1: Internship 9 hrs

<table>
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<tbody>
<tr>
<td>PTE</td>
<td>Foundations of Education Research</td>
</tr>
<tr>
<td>FMCD</td>
<td>Internship (2 semesters, 6 hrs. required) (400 clock hours)</td>
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</table>

Option 2: Thesis 10 hrs

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>PTE</td>
<td>Foundations of Education Research</td>
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<tr>
<td>PTE</td>
<td>Educational Statistics</td>
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<tr>
<td>FMCD</td>
<td>Thesis</td>
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Total Hours 39-40

Prerequisites: (15 hours)

<table>
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<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>FMCD</td>
<td>Child Development</td>
</tr>
<tr>
<td>FMCD</td>
<td>Guidance of the Young Child</td>
</tr>
<tr>
<td>FMCD</td>
<td>Marriage</td>
</tr>
<tr>
<td>FMCD</td>
<td>Contemporary American Families</td>
</tr>
</tbody>
</table>

3 hours of statistics
Guidance and Counseling (M.Ed.)

The primary mission of the University of Central Oklahoma’s Guidance and Counseling Program is to prepare “professional counselors who specialize in the school environment.” To do this, we closely adhere to national standards set forth by professional organizations (American Counseling Association & American School Counselors Association), and standards set by the State Department of Education. These standards are linked to the criteria set forth by the National Board for Certified Counselors. This will enable our students to pursue the National Certified Counselor and the National Certified School Counselor designation if they wish. In order to promote professionalism, students are encouraged to obtain these certificates and to actively participate in professional organizations.

The University of Central Oklahoma offers a Masters of Education in Guidance and Counseling degree leading to certification as a school counselor. There is also a certification program for those who already hold a master’s degree.

It is very important that all students who are interested in pursuing either the M.Ed. in Guidance and Counseling or the certificate option (for those who already have a master’s and are teacher certified) read and follow the requirements for admission to the Graduate College and to the Guidance and Counseling Program. It is the responsibility of the student to monitor their progress through the requirements. The UCO Counselor Education faculty wants to help you meet your goals. One way we seek to do this is through graduate advisement. Please contact us as soon as possible. The primary advisor at this time is Dr. Jerry Chandler (room 128, Chambers Library, phone: 405-974-5290, email: jchandler@ucok.edu). It is important to remember that certification for school counselors is PK-12 even though you may have a primary interest in either elementary or secondary school counseling.

Admissions to the Guidance and Counseling Program will occur twice a year. Twenty students will be admitted each semester (fall and spring) for a total of 40 per year. However, due to impending shortages we will admit more than 20 students per semester at this time. An application packet for the Guidance and Counseling Program can be obtained from the Graduate Office or the Guidance and Counseling Page on the College of Education’s Web Page.

The application for formal admission to the Guidance and Counseling Program must be completed by Friday of the 14th week of either the fall or spring semester (check with the Guidance and Counseling Office for the specific dates). Interviews with prospective students will be scheduled through the end of final exam week. Students will be mailed/given notification of the results of their application as soon as possible. Those students who are accepted may begin their course of study the following semester (fall, spring or summer). To facilitate this process, students seeking to enroll in the M.Ed. or Certification Program (for those already possessing a master’s degree and teacher certification) may begin course work while they complete the application process. They may enroll in PTE 5013 Foundations of Educational Research, PTE 5153 Advanced Developmental Psychology and GUID 5013 Principles of Guidance and Counseling. In order to do this, prospective students must complete an interview with a member of the Guidance and Counseling faculty and obtain a ‘Recommendation for Admission to the Graduate College’. This will allow the student to enroll for one semester. This will give students the opportunity to determine if they indeed wish to pursue an M.Ed. or certification in Guidance and Counseling and to complete the formal admissions process. It is stressed that receiving a ‘Recommendation for Admission’ to the Graduate College does not insure acceptance or continuation in the Guidance and Counseling Program.

I. Admission Requirements for the M.Ed. in Education Guidance and Counseling Program:

Students seeking an M.Ed. in Guidance and Counseling must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

B. Hold a Bachelor’s Degree from an accredited college or university and either an Oklahoma teaching certificate or license. Attach a copy to your application to the guidance and counseling program and a copy must be provided to the graduate office. Students will not be admitted to the program without a teaching certificate.

C. The Guidance and Counseling Application packet must be completed and received by the Guidance and Counseling Program by Friday of the 14th week of the semester to be considered for acceptance for the next full semester (fall or spring).

D. Meet one of the following academic standards:
   a. Attain a 2.75 or higher GPA in all undergraduate (UGPA) hours attempted.
   b. Attain a 3.0 or higher GPA in the last 60 hours of undergraduate hours attempted.

NOTE: Prospective students who do not meet one of the above requirements may appeal to the Guidance and Counseling Curriculum Committee for consideration of their application if they believe there are circumstances that should be taken into consideration.

E. Must complete an interview with at least two members of the Guidance and Counseling Curriculum Committee with a favorable recommendation. Recommendations for admission are made through the Curriculum Committee for Guidance and Counseling. This committee
serves as a policy-making body, and considers applications for admission to the program, the practicum and the internship. Any problems related to admission, retention, organization or administration of the program must be approved by this committee. The student has the right to appeal all decisions.  

NOTE: During the first semester after formal acceptance into the Guidance and Counseling Program the student must meet with an advisor and develop a formal plan of study. (If you are enrolled in classes while awaiting your formal interview, please go ahead and make your formal plan of study early.) A copy of this plan of study, signed by the student and the advisor, must be filed with the Graduate Office (any deviations must be cleared with the Curriculum Committee). If this is not adhered to, the student will not be allowed to enroll in further classes until it is cleared up.

F. Students in the Guidance and Counseling Program must maintain a “B” average in all graduate courses attempted with no grade below “C” in their graduate study. Students must display the highest of ethical standards and adhere to guidelines in the University of Central Oklahoma Student Handbook and the Chi Sigma Iota Student Handbook: Guide to M.Ed. in Guidance and Counseling.

II. M.Ed. in Guidance and Counseling 33 hrs

Sequence of Courses

Foundation of Educational Research (PTE 5013) and Principles of Guidance (GUID 5013) are the first courses to take in the Guidance and Counseling sequence. Theories and Techniques of Individual Counseling is a prerequisite for Theories of Group School Counseling. Study the course listings and prerequisites carefully to assist scheduling and consult with your advisor.

Program of Study

* PTE 5013 Foundations of Educ. Research
* PTE 5383 Principles of Tests and Measurements
* PTE 5153 Advanced Developmental Psychology in an Educational Setting
* GUID 5013 Principles of Guidance and Counseling
* GUID 5133 Multicultural Counseling
* GUID 5443 Career Guidance
* GUID 5163 Theories & Techniques of Individual School Counseling
* GUID 5113 Theories & Techniques of Group School Counseling
* GUID 5253 Developmental Guidance
* GUID 5153 Counseling Intervention Strategies
** GUID 5953 Internship

Total Hours Required 33 Hrs

*Do not require permission to enroll.

** GUID 5953 Internship - This course has two components: a 100 hour clinical experience and a 100 hour supervised in school experience. This class meets on Tuesday during the Fall and Spring Semester from 4:30 to 10:00p.m. This class meets in the Brief Counseling Clinic in 305 ED building. Clients are solicited from throughout the community and may range in age from young children to older adults. You will be observed and videotaped during all counseling sessions. An integral component of this experience is the case management and staffing that is conducted after each session. YOU MUST have malpractice insurance in order to participate in Internship. Low cost malpractice insurance specifically designed for counselors is available at student rates from the American Counseling Association and the Oklahoma Counseling Association. Applications are available from the faculty. You MUST make application for Internship by the following dates and the Guidance Curriculum Committee will not consider an application until the application and all requested information are submitted. The Candidate’s Portfolio will be checked as part of the application process. For Fall Semester, the Internship application must be in by the sixth week of the previous Spring Semester: for Spring Semester by the sixth week of the Fall Semester. You must have completed all of your theory courses prior to starting Internship. (GUID 5163, 5113, 5153). A copy of the application is in the appendix of the Student Guide.
Instructional Media (M.Ed.)

The Master of Education in Instructional Media offers two options for educators interested in technology and information skills.

- Library Information
- Applied Technology

The **Library Information option** is designed according to requirements set forth by the Oklahoma State Department of Education for standard certification as a School Library Media Specialist for grades PK through 12.

Upon completion of this specialized program, students will have developed a theoretical, philosophical and practical knowledge base and prescribed competencies upon which to enter the common school, private school, and other institutional job markets in librarianship.

The option serves a two-fold purpose: it enables students to earn an M.Ed. in Instructional Media that includes all the components for Oklahoma School Library Media Specialist Certification; and students already holding an M.Ed. may complete all or part of the required 24 hours of specialized course work for Library Media Specialist.

Completion of these degree requirements alone will not satisfy certification requirements for the Standard Library Specialist Certificate. Please refer to the certification guidelines in this section.

The **Applied Technology option** is designed to prepare students wishing to teach computer technology in the PK-12 common school setting. Though the State of Oklahoma does not currently have a standard teaching certificate in Computer Technology, the program has been designed as a broad, theoretical and hands-on program that will prepare both classroom/computer lab teachers and technology coordinators.

I. Admission Requirements for the Instructional Media Program

Students seeking an M.Ed. in Instructional Media - **Library Information Option or Applied Technology Option** must fulfill the following requirements before they will be formally admitted to the program.

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

**Note:** No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Supply the Jackson College of Graduate Studies & Research with a copy of a current Oklahoma Standard Teaching Certificate or License.

II. Instructional Media Curriculum 36 hours

A. Required Core Courses - both options 15 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundations of Education Research</td>
</tr>
<tr>
<td>IME 5133</td>
<td>Production I (prerequisite computer literacy)</td>
</tr>
<tr>
<td>IME 5543</td>
<td>Instructional Design &amp; Development I</td>
</tr>
<tr>
<td>IME 5863</td>
<td>Production II (prerequisite IME 5133)</td>
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<tr>
<td>IME 5243</td>
<td>Effective Writing in Instructional Technology</td>
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B. Library Information Option

Required Courses 21 hours

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>IME 5013</td>
<td>Library Materials for Secondary Schools</td>
</tr>
<tr>
<td>IME 5023</td>
<td>Materials Selection</td>
</tr>
<tr>
<td>IME 5053</td>
<td>Administration of the School Media Center</td>
</tr>
<tr>
<td>IME 5223</td>
<td>Public Relations and Information Skills</td>
</tr>
<tr>
<td>IME 5233</td>
<td>Library Materials for Elementary Schools</td>
</tr>
<tr>
<td>IME 5423</td>
<td>Reference &amp; Bibliography</td>
</tr>
<tr>
<td>IME 5453</td>
<td>Cataloging &amp; Classification</td>
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C. Applied Technology Option

Required Courses 21 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>IME 5143</td>
<td>Instructional Tech Foundations</td>
</tr>
<tr>
<td>IME 5313</td>
<td>Collaborative Design of Multimedia Materials</td>
</tr>
<tr>
<td>IME 5323</td>
<td>Issues in Distance Education</td>
</tr>
<tr>
<td>IME 5413</td>
<td>Managing Computer and Information Centers</td>
</tr>
<tr>
<td>IME 5613</td>
<td>Instructional Design and Development II (prerequisite IME 5543)</td>
</tr>
<tr>
<td>IME 5713</td>
<td>Evaluation and Change in the Instructional Development Process (prerequisites 5543 &amp; 5613)</td>
</tr>
<tr>
<td>IME 5953</td>
<td>Internship in Instructional Media (to be taken in last semester of program)</td>
</tr>
</tbody>
</table>
**Program:** Nutrition and Food Management  
**Degree:** Master of Science (M.S.)  
**College:** Education

**Nutrition & Food Management (M.S.)**

The Master of Science in Nutrition and Food Management is structured to provide knowledge and skills in human nutrition, principles of management, food science, and practice in problem solving and decision making. The curriculum encourages critical and creative thought, development of skills in human relations and communications and the value of life-long learning. The academic program is sensitive to changes in dynamic society; it emphasizes personal and professional growth as well as research. There are diverse opportunities for the graduate in the areas of food service management or education, administration, and nutritional care and health promotion.

I. Admission Requirements for the M.S. in Nutrition and Food Management Program:

Applicants for this graduate program must have either an undergraduate degree in the discipline or sufficient course work in the field to provide the background required. Additional undergraduate and graduate prerequisites may be required by the program.

Students seeking an M.S. in Nutrition and Food Management must fulfill the following requirements before being formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

**Note:** No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Complete all undergraduate prerequisites as needed.

   The following is a list of the required courses: (All courses must be passed by a C or above letter grade).

   **General:**
   - CHEM 1103 & 1112 Chemistry I
   - PSY 2703 General Psychology
   - MATH 1513 College Algebra

   **Science:**
   - CHEM 1223 & 1232 Chemistry II
   - CHEM 3303 Organic Chemistry I
   - CHEM 3403 Biochemistry I
   - CHEM 4103 Biochemistry II
   - BIO 2604 & 2604L Human Physiology
   - BIO 2314 & 2314L Microbiology

   **Business:**
   - ACCTG 2113 Accounting I
   - MNGT 3103 Fundamentals of Management
   - MRKT 3013 Fundamentals of Marketing
   - STAT 3103 Statistical Methods I

   **Food and Nutrition**
   - NTRN 1513 Introduction to Nutrition
   - NTRN 1613 & 1613L Principles of Food Preparation
   - NTRN 2213 World Foods and Culture
   - NTRN 2411 Overview of Dietetics
   - NTRN 2423 Introduction to Clinical Nutrition
   - NTRN 3131 Food Safety and Sanitation
   - NTRN 3633 Life Span Nutrition
   - NTRN 3863 Community Nutrition
   - NTRN 4034 Medical Nutrition Therapy
   - NTRN 4053 Applications of Nutrition Care
   - NTRN 4123 & 4123L Food Science
   - NTRN 4394 Advanced Nutrition
   - NTRN 4674 & 4674L Quantity Foods
   - NTRN 4704 Institutional Food Management
   - FACS 4853 Methods of Teaching

   **Nutrition and Food Management 32 hrs**
   The plan of study may be selected from the following:
   - PTE 5013 Found. of Educational Research (req.)
   - NTRN 5994 Thesis
   - NTRN 5892 Advanced Clinical Nutrition
   - NTRN 5910 Seminar in Nutrition & Food Mgmt.
   - NTRN 5212 Management of Nutrition Services
   - NTRN 5032 Nutrition Education
   - NTRN 5102 Newer Trends in Nutrition
   - NTRN 5910 Medical Nutrition Therapy
   - NTRN 5322 Nutrition Assessment
   - NTRN 5402 Nutritional Concerns of Women
   - NTRN 5333 Computers in Nutrition and Food Mgmt.
   - NTRN 5910 Societal Impact on Aging

   Available seminar topics may include, clinical nutrition, lifespan nutrition, experimental foods, food service financial management, pathophysiology, and entrepreneurship.

**Dietetic Internship 32 hrs**

The Dietetic Internship is accredited by the Commission on Accreditation/Approval of Dietetic Education.

Admission requirements for Dietetic Internship ONLY:

1. Completion of Dietetic Program in Dietetics with a GPA of 3.00 in the last 60 hours of course work and no D’s or F’s in required courses.

2. Satisfactory completion of the Graduate Record Examination with a minimum total score of 900 on the verbal, quantitative portions of the GRE and no score below 400 on either part. A minimum score of 4.00 is required on the analytical (essay) portion.

3. A personal or telephone interview with members of the admissions committee may be arranged at the committee’s discretion.
NOTE: Applicants will be ranked on a point system for acceptance into the program since only a limited number of applicants can be accepted each semester. The University of Central Oklahoma participates in the computer-matching program sponsored by the American Dietetic Association. Those courses marked with the asterisk (*) are required for the Dietetic Internship.

PTE 5013 Foundations of Educational Research
*NTRN 5950 Internship: Nutrition/Food Management (6-7 total possible hours)
*NTRN 5910 Food Service Financial Management
*NTRN 5892 Advanced Clinical Nutrition
PSY 5960 Intro to Health Psychology
NURS 5103 Pathophysiology
GERO 5443 Biology of Human Aging
*NTRN 5212 Management of Nutrition Services
*NTRN 5032 Nutrition Education
*NTRN 5322 Nutrition Assessment
NTRN 5910 Societal Impact on Aging
HLTH 5313 Wellness Interventions, Strategies and Skills
NTRN 5960 Nutrition in Public Policy

Additional electives to total 32 hrs

Required seminar topics include entrepreneurship and food service financial management. Other seminar topics may include clinical nutrition, lifespan nutrition, experimental foods, and pathophysiology.
Program: Professional Health Occupations
Degree: Master of Education (M.Ed.)
College: Education

Professional Health Occupations (M.Ed.)

The Professional Health Occupations program is designed to assist the health occupations practitioner in the development of skills in curriculum development, in-service education, program evaluation and methods of teaching. UCO offers the only graduate program in the State of Oklahoma authorized to prepare and certify health occupations teachers.

Technological updates, new teacher orientation, and other special institutes and workshops are conducted in concert with state career technology department supervisory and curriculum personnel to familiarize students with current trends in the health occupations education field.

The professional health occupations program at the University of Central Oklahoma will assist health practitioners in making the transition to effective educators. The program provides the State of Oklahoma with a certification pathway for health occupations teachers.

The PHO degree program is specifically designed for the following groups of health related educators: dentists, dental hygienists, health agency based practitioners, nurses, physicians, allied health specialists (clinical laboratory technicians, respiratory therapists, EMTs, etc.).

I. Admission Requirements for the M.Ed. in Professional Health Occupations Program:

Students seeking an M.Ed. in Professional Health Occupations must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Students desiring to teach Professional Health Occupations in a public school setting must qualify for an Oklahoma Standard Secondary Health Occupations Certificate and may require a number of undergraduate and graduate hours in addition to the 32 graduate hours required for the Master’s degree.

In addition, students in this program must have professional credentials from one of the health professions ranging from medicine and dentistry at the doctoral level to allied health practitioners at the baccalaureate level. Credentials to satisfy this requirement shall be presented to the Jackson College of Graduate Studies & Research.

II. M.Ed. in Professional Health Occupations 32 hrs

A. Education & Psychological Found. 16-24 hrs
B. Educational Methods and Curriculum 8-12 hrs
C. Thesis Option - Students in this program may elect to write a professional thesis for no less than two (2) and no more than four (4) graduate credit hours.
D. Related Electives to total 32 graduate hours
The Master of Arts in Psychology has been designed as a flexible, multipurpose degree program with professional psychology as its foundation. Within this major, students may select from the following options: General Experimental; Counseling; and School Psychology. Degree programs are structured to provide the knowledge and skills necessary to qualify students for specialized employment opportunities and/or the preparation necessary to pursue the doctoral degree in psychology.

I. Admission Requirements for the M.A. in Psychology Program:

Students seeking an M.A. in Psychology must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Attain a combined score of 900 on the Verbal and Quantitative, OR attain 3.5 or greater on the Writing Assessment Test of the GRE.

C. Complete all prerequisite requirements. The prerequisites are considered deficiencies and therefore will not count toward meeting the graduate hour requirement for the M.A. in Psychology.

Prerequisites:

A Bachelor’s Degree in Psychology, OR completion of the following courses or their equivalents:

- PSY 2703 General Psychology
- PSY 2753 Intro. to Psychological Statistics
- PSY 3813 Advanced Psychological Statistics
- PSY 3833 Experimental Psychology
- PSY 3841 Experimental Psychology Lab
- PSY 3903 Physiological Psychology
- PSY 4753 Abnormal Psychology
- PSY 4763 Psychology of Learning

D. PSY 5051 Professional Career Planning is an entry level course for the graduate student in Psychology. It should be taken the first semester along with any required prerequisite courses. All other graduate courses require permission prior to enrollment, and may not be taken until this course and all prerequisites are completed. If no prerequisite courses are required, the student may take PSY 5051 concurrent with other graduate courses.

II. Advisement

Each student will have an advisor or advisory committee appointed by the chairperson of the Department of Psychology. The purpose of the advisor or advisory committee is to direct the program for each student. This will include determining the equivalency of courses taken at other colleges or universities and assessing deficiencies which need to be completed before admission to the program. The advisor or advisory committee will work with the student to develop a formal, individual plan of study which will be submitted to the Jackson College of Graduate Studies & Research.

III. Master of Arts in Psychology Curriculum 40-60 hrs

Core Curriculum 23-25 hrs

A. Core Courses 19 hrs

- PSY 5051 Professional Career Planning
- PSY 5013 BioSocial Psychology
- PSY 5033 Cultural and Gender Diversity
- PSY 5143 Advanced Developmental Psych.
- PSY 5193 Experimental Design
- PSY 5563 Advanced Social Psychology
- PSY 5633 Modern Learning Theories

B. Capstone Experience 4-6 hrs

- PSY 5902-3 Practicum I and II OR
- PSY 5994-6 Thesis

Program Option Course Work 17-35 hrs

Courses to be determined by the student’s advisory committee depending on the student’s degree option, career goals, licensure and certification requirements.

IV. Program Options

A. General Experimental Option

The General Experimental option is a flexible, multipurpose degree program. One of its major strengths is in preparing students to pursue the doctoral degree in psychology. The program is also structured to provide the knowledge and skills necessary to qualify students for specialized employment opportunities.

The General Experimental option requires a minimum of 40 graduate credit hours. In addition to the core courses required for all M.A. students, students exercising the General Experimental option must also enroll in PSY 5343 Psychology as Science; PSY 5753 Advanced SPSS; and PSY 5383 Multivariate Analyses in Psychology, and additional course work as required by the advisory committee.

Students for the Master of Arts in Psychology must submit a thesis in partial fulfillment of their degree requirements. The student’s advisory committee, with the addition of one faculty member from outside the department, will constitute the reading committee for the master’s thesis. The members from outside the department, will, at the request of the student, be appointed by the graduate dean along with confirmation of the total committee as the thesis is begun.
The master’s thesis is a research project which has the potential for publication in a psychological journal. For clarification of what qualifies as research in the field of psychology and for matters of concern regarding the design and reporting of research, the student is referred to the publication manual of the American Psychological Association.

B. Counseling Option

The Counseling Program option prepares graduates to provide services in diverse settings including: community mental health centers, youth and family service agencies, marriage and family counseling centers, child guidance clinics, university counseling centers, psychiatric hospitals, drug and alcohol treatment centers, shelters and centers for child abuse and domestic violence, and private practice. Some graduates complete additional training at the doctoral level. Students in the program are expected to:

- Develop an understanding of the ethical and legal standards of behavior for counselors and consistently function in an ethical, professional manner;
- Develop and demonstrate skills in creating effective professional relationships that facilitate the counseling process;
- Develop and demonstrate effectiveness in working with diverse models, theories, and techniques that contribute to positive outcomes in counseling including evidence based treatments;
- Develop and demonstrate skills in conducting effective assessment and treatment of couples and families while being sensitive to the special needs and considerations of this client population.
- Develop an understanding of the importance of the science of psychology, applied research, and scientific inquiry and their contributions to the counseling process;
- Develop and demonstrate skills in working within a multicultural context and with individuals who are culturally diverse.
- Demonstrate an understanding of empirically validated group psychotherapy theory, techniques and process dynamics.
- Demonstrate a pantheoretical understanding of the development, diagnosis and treatment of psychopathology.

The Counseling option requires a minimum of 60 graduate hours. In addition to the core courses required for all M.A. students, the program also requires that students complete coursework in counseling (individual, group, and couples and families), psychological assessment (intelligence, educational, and personality), legal and ethical aspects of counseling, psychopathology, and other counseling-related courses.

Training in the Counseling program culminates in a two consecutive semester practicum. During practicum, students provide supervised services to a diverse clientele in a faculty approved setting. Pre-practicum meetings are held prior to each semester’s practicum placement to provide information to students about the applications to the Counseling Training Committee (CTC; the Counseling faculty). Students must submit an application, an official transcript, and a curriculum vita. In addition to submitting the required materials, students must have completed all of the specified counseling and assessment courses and have no more than nine hours of coursework (not including practicum) remaining. Students who apply for practicum experience but have not completed their coursework at UCO must submit to additional review by the CTC and may require further preparation as deemed necessary. Once applications have been submitted and minimum requirements have been met, the CTC will review applications and notify students of their status. Students’ performance during their course of study will be used to assess whether the student has acquired the minimum counseling and assessment skills necessary for practicum placement. Concerns about students’ readiness will be addressed by the CTC and students will be notified concerning any remediation necessary. Due to the serious nature of providing counseling and assessment services, students in the Counseling Program will be reviewed periodically by the CTC regarding their personal and professional readiness to apply for practicum.

Students in the counseling program are typically working towards Licensure as a Professional Counselor (LPC) or Behavioral Practitioner (LBP). Each license requires that applicants complete a Master’s degree with at least sixty (60) hours of counseling related coursework. Further information concerning licensure may be obtained from the Oklahoma State Department of Health.
### Psychology

**Degree:** Master of Arts (M.A.)

#### C. School Psychology Option

The School Psychology Program option requires a minimum of 60 graduate credit hours. In addition to the core courses required for all M.A. students, students choosing the School Psychology option must also enroll in 9 hours of diagnostic courses, 6 hours of counseling, and other course work as determined by the advisor/s.

The program prepares graduates to provide psychological services in public and private schools and other mental health agencies.

By the end of their training, students are expected to:
- Understand and integrate into practice the principles of professional school psychology;
- Demonstrate knowledge and skills in a comprehensive range of assessment, diagnosis, evaluation, and eligibility or intervention determination within the multi-disciplinary team process for children with disabilities;
- Demonstrate knowledge and skills in prevention, intervention, consultation, and counseling;
- Demonstrate knowledge and skills in effective communication and collaboration;
- Demonstrate knowledge and application of statistics, research methodologies/designs, measurement, and program evaluation;
- Understand and integrate into practice psychological and educational foundations.

Students desiring a School Psychologist Certificate must also meet certification requirements and prepare a professional portfolio as they progress through the program. Certification requirements include a 1200 hour internship and state or national examinations.
Reading (M.Ed.)

The Master of Education in Reading is designed to meet requirements set forth by the Oklahoma State Department of Education for Standard Certification as a Reading Specialist for grades one through twelve. A graduate curriculum in Reading is designed to use numerous educational settings to prepare the student for positions as reading consultants, reading teachers in public and private education, remedial reading teachers, reading clinicians, directors of reading programs, reading supervisors, reading diagnosticians, and reading coordinators.

The program will provide the student the opportunity to develop competencies in human relations; leadership; program development, maintenance, and improvement; and diagnostic studies. The student will learn the proper methods to inform parents and teachers of the reading needs of their children, as well as a thorough knowledge of referral services.

I. Admission Requirements for the M.Ed. in Reading Program:

Students seeking an M.Ed. in Reading must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Complete all prerequisites, if any, as determined by the graduate advisor.

NOTE: If a deficiency exists in one of the areas listed under “B, the student may petition for admission under the following criteria:

1. Take an essay examination.
2. Interview with the Reading Program Committee (whose decision will be final).

C. Complete the following prerequisites for the M.Ed. Degree in Reading:

2. Have completed a minimum of six semester hours of course work in the following areas:
   a. One course in Reading Methods.
   b. One course in Language Arts or Literature (Children's or Adolescent).

II. M.Ed. in Reading Curriculum 32 hrs

Core Reading Block

Required 21 hrs

- Theoretical Foundations of Reading 6 hrs
- Diagnosis and Correction 6 hrs
- Clinical Experience 7 hrs
- Professional Development 2 hrs

One course must also be taken from each of the following areas:

Professional Education 11-12 hrs

- Research 3 hrs
- Language and Literacy 3 hrs
- Measurement 2-3 hrs
- Theories and Methods of Learning 2-3 hrs

Elective course work to complete the 32 minimum hours required for the M.Ed. in Reading.

III. Capstone Experience

The Capstone Experience for a M.Ed. in Reading involves successful completion of the final course in the program: Clinical Practices in Reading. In this class information pertaining to theory, diagnosis, and treatment is applied in a clinical setting.
The specific goal of the Special Education Program is to provide specialized training in the areas of mild-moderate disabilities and severe-profound/multiple disabilities. This goal includes the following objectives:

1. The program will provide training that meets academic and practicum competencies required by the Oklahoma Commission on Teacher Preparation and the National Council of Exceptional Children.
2. The program will provide graduate students opportunities to become reflective, responsive, and resourceful in meeting the academic, behavioral, emotional, and social needs of the specific area of specialization selected.
3. The program will provide experiences for graduate students to develop the ability to facilitate learning through implementation of various teaching strategies, manage classrooms and behavior, assess academic levels, plan individualized education programs, provide service to the community, and relevant research skills.

The graduate program in mild-moderate disabilities is designed to offer advanced study to those students interested in infants, early childhood, elementary, middle, secondary, and adult education of students with learning disabilities, mental retardation, and emotional/behavioral disorders at mild-moderate levels.

The graduate program in severe-profound/multiple disabilities is designed to offer advanced study to those students interested in infants, early childhood, elementary, middle, secondary and adult education of students with mental retardation, emotional/behavioral disorders and physical and health disabilities at severe-profound/multiple disability levels.

Each program provides practicum experiences with exceptional children in various settings.

To receive an Oklahoma license to teach, students must also complete professional teacher education courses and pass the appropriate certification tests.

I. Admission Requirements for the M.Ed. in Special Education Program:

Students seeking an M.Ed. in Special Education must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies and Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. Complete all prerequisites, if any, as determined by the graduate advisor.

C. Supply the Jackson College of Graduate Studies & Research with a current Oklahoma standard teaching certificate or license.

II. M.Ed. in Special Education Curriculum 37 hrs

(For Mild-Moderate Disabilities, Severe-Profound/Multiple Disabilities options)

A. Research

B. Special Education Core

C. Specialization in Mild-Moderate Disabilities OR

D. Specialization in Severe-Profound/Multiple Disabilities

A. Research

Foundations of Educational Research

B. Core Courses 19 hrs

READ 5833 Diagnosis/Intervention in Reading
SPED 5102 Language Develop. in Spec. Education
SPED 5212 Legal Aspects of Special Education
SPED 5303 Assessing the Exceptional Individual
SPED 5232 Educational Strategies for Young Children with Special Needs
SPED 5443 Behavior/Classroom Management
SPED 5452 Curriculum Modification/Assistive Technol. in Special Education
SPED 5582 Secondary Special Education

C. Mild-Moderate Disabilities 15 hrs

SPED 5242 Foundations of Mild-Moderate Disabilities
SPED 5842 Curriculum Development for Mild-Moderate Disabilities
SPED 5653 Procedures for Mild-Moderate Learning Disabilities
SPED 5763 Procedures for Mild-Moderate Mental Retardation
SPED 5743 Procedures for Mild-Moderate Emotional/Behavioral Disorders
SPED 5901 Practicum in Special Education (Mild-Moderate Disabilities)
SPED 5901 Practicum in Special Education (Emotional/Behavioral Disabilities)

OR

D. Severe-Profound/Multiple Disabilities 15 hrs

SPED 5252 Foundations of Severe/Profound Disabilities
SPED 5852 Curriculum Development for Severe/Profound Disabilities
SPED 5773 Procedures for Severe/Profound Mental Retardation
SPED 5753 Procedures for Severe/Profound Emotional/Behavioral Disorders
SPED 5693 Procedures for Severe-Profound Physical and Health Disabilities
SPED 5901 Practicum in Special Education (Severe/Profound/Multiple Disabilities)
SPED 5901 Practicum in Special Education (Emotional/Behavioral Disabilities)

Students who have not previously met certification requirements will need to complete the major support courses, professional education courses, and pass the Severe-Profound/Multiple Disabilities Certification Test to be recommended for certification from the University of Central Oklahoma.
Speech-Language Pathology (M.S.)

Application Deadline: February 1, to be considered for the following Summer semester. This program begins in the Summer semester.

The Master degree in Speech-Language Pathology is designed to complete the academic and practical preparation for individuals seeking the professional credentials for working with persons who exhibit disordered communication. The program is designed to prepare individuals to serve in a variety of professional settings and with a variety of populations. Completion of the program satisfies requirements for the Oklahoma State Department teaching certificate, the Oklahoma Board of Examiners license, and the American Speech-Language-Hearing Association Certificate of Clinical Competence in Speech-Language Pathology.

Basic courses in normal and disordered human communication, completed either as part of the undergraduate major or as graduate prerequisites, must precede application for admission to the graduate program. Upon admission to the graduate program, students complete graduate level courses to further their understanding of normal and disordered human communication. Ultimately, students apply this knowledge in accumulating a minimum number of practicum clock hours representing experiences with a variety of disorders, settings and populations.

Students seeking an M.S. in Speech-Language Pathology must fulfill the following requirements before they will be formally admitted to the program:

I. Admission Requirements
   A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.
   Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.
   B. Meet the GPA requirement of 2.75 overall, or 2.75 in the last 60 hours attempted.
   C. Complete all prerequisites, if any, as determined by the graduate advisor.
   D. Earn a minimum GPA of 3.00 in a minimum of 24 credit hours of Speech-Language Pathology course work with no grade below a “C”.
   E. Satisfactory evidence of interpersonal skills and scholastic potential based on submitted letters of reference and rating forms.

   Students entering the Speech-Language Pathology graduate program must have completed a minimum of 24 credit hours of Speech-Language Pathology prerequisite course work. These prerequisites may or may not be available for graduate credit, depending upon the student’s standing with the Jackson College of Graduate Studies & Research. These prerequisites are considered deficiencies and will not count toward the requirements for the Master’s degree. Students will not be allowed to enroll in Practicum until formally accepted into the program.

II. M.S. in Speech-Language Pathology 35 hrs

Depending upon undergraduate background, students must complete an approved program of a minimum of 35 semester hours of graduate credit through advisement by the program director of Speech-Language Pathology. Specific course information is available through the Speech-Language department.

Although some variations may be required to address different academic backgrounds, a typical course sequence to complete the Masters Degree would be as follows:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLP 5243</td>
<td>Diagnostic Methods</td>
</tr>
<tr>
<td>SLP 5363</td>
<td>Aphasia I</td>
</tr>
<tr>
<td>SLP 5302</td>
<td>Augmentative Communication</td>
</tr>
<tr>
<td>SLP 5292</td>
<td>Aphasia II</td>
</tr>
<tr>
<td>SLP 5252</td>
<td>Normal Language Development</td>
</tr>
<tr>
<td>SLP 5282</td>
<td>Advanced Articulation Disorders</td>
</tr>
<tr>
<td>SLP 5332</td>
<td>Legal Aspects in Speech-Language Pathology</td>
</tr>
<tr>
<td>SLP 5343</td>
<td>Dysphagia</td>
</tr>
<tr>
<td>SLP 5262</td>
<td>Advanced Language Disorders</td>
</tr>
<tr>
<td>SLP 5232</td>
<td>Communication Disorders in Infants and Toddlers</td>
</tr>
<tr>
<td>SLP 5113</td>
<td>Speech and Hearing Science</td>
</tr>
<tr>
<td>SLP 5352</td>
<td>Cleft Palate</td>
</tr>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
<tr>
<td>SLP 5900</td>
<td>Practicum 1-6 hrs for degree.</td>
</tr>
</tbody>
</table>
Wellness Management (M.S.)

The Master of Science in Wellness Management program is unique and unavailable anywhere else in Oklahoma. It has been developed in response to the needs of numerous graduates associated with comprehensive health and high-level wellness concepts.

The MS in Wellness Management with two options is an interdisciplinary program involving courses offered in four other academic disciplines (Gerontology, Nutrition, Adult Education, and Substance Abuse Studies) as well as disciplines in Kinesiology and Health Studies.

Health Studies Option

This option provides an understanding of the comprehensive aspects of high-level wellness. The development of leadership and management skills enables the student to design a program and successfully perform the tasks and skills necessary to reach completion of the desired wellness outcomes. Wellness intervention strategies allow the student to assess the most appropriate means of reaching the desired result within the constraints of age, gender, level of health, and socioeconomic status. The effective utilization of technology in wellness management and disease prevention will be explored, acquainting the student with the effectiveness of mass media and technology as tools for educating and informing the public in a positive way. The elective courses in Gerontology, Nutrition, and Substance Abuse Studies allow the student to develop and optimize specific areas of need for wellness intervention and control of specific aspects of health and wellness.

Exercise Science Option

This option of the Wellness Management degree is designed to prepare the student to promote and manage positive, healthful lifestyles. It is designed to provide to the corporate, industrial, recreational, educational, and medical settings trained personnel who are capable of conducting adult physical fitness testing and developing personal fitness training programs that involve exercise and physical activity. The student will gain knowledge in the core foundation, exercise prescription for normal and special populations, wellness management, administrative tasks, professional development, and practical experience.

For each option, a two- to four-hour Thesis or Internship is required. This requirement will provide the student with intensified experience and knowledge of wellness through a research project leading to the thesis or an on-site agency internship experience.

I. Admission Requirements for the M.S. in Wellness Management Program:

Applicants for this graduate program must have either an undergraduate degree in the discipline or sufficient course work in the field to provide the background required. Additional undergraduate and graduate prerequisites may be required by the program.

Students seeking an M.S. in Wellness Management must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.

B. The student and the graduate advisor will work out a formal plan of study during the student's first semester of graduate work. A signed, completed copy of this plan of study must be filed with the advisor and the JCGS&R before completion of the first semester.

C. Complete all prerequisites, if any, as determined by the graduate advisor.

D. Complete all prerequisites as needed.

Prerequisites for Wellness Management

KINS 3403  Principles of Leadership Development

OR

HLTH 3452  Group Dynamics

KINS 4252  Legal Aspects of Leisure Services and Fitness Programs

One 3 hour undergraduate research class as a prerequisite for KINS 5393 Research Design and Evaluation in Kinesiology and health Studies.

HLTH 4203  Assessment Intervention and Evaluation

One 3 hour undergraduate research class as a prerequisite for KINS 5223 Technology and Media for Wellness Managers.
### Wellness Management

**Program:** Wellness Management  
**Degree:** Master of Science (M.S.)

<table>
<thead>
<tr>
<th>Health Studies Option</th>
<th>32 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>KINS 5213</td>
<td>Leadership of Health, Fitness, and Wellness Programs</td>
</tr>
<tr>
<td>KINS 5113</td>
<td>Legal and Ethical Principles of Wellness Management</td>
</tr>
<tr>
<td>PHED 5393</td>
<td>Research in Health Education &amp; Physical Education</td>
</tr>
<tr>
<td>HLTH 5313</td>
<td>Wellness Intervention Strategies &amp; Skills</td>
</tr>
<tr>
<td>KINS 5223</td>
<td>Technology &amp; Media for Wellness Managers</td>
</tr>
<tr>
<td><strong>Required Course</strong></td>
<td>2-4 hrs</td>
</tr>
<tr>
<td>KINS 5952-4</td>
<td>Internship OR</td>
</tr>
<tr>
<td>HLTH 5992-4</td>
<td>Thesis</td>
</tr>
</tbody>
</table>

Fifteen hours must be selected from one of the following areas (A, B, or C):

#### Elective Courses Area A 15 hrs

- GER 5023 Orientation to Gerontology
- SOC 5053 Sociology of Aging
- GER 5363 Psychology of Aging
- GER 5443 Health and Physiology of Aging
- GER 5213 Health and Social Services for Seniors
- GER 5463 Bereavement Counseling
- GERO 5342 Politics of Aging
- ADED 5883 Advanced Instructional Methods
- NTRN 5910 Special Topics in Nutrition & Food Mgmt (1-3 hrs, dept approval required)

#### Elective Courses Area B 15 hrs

- NTRN 5032 Nutrition Education
- NTRN 5910 Special Topics in Nutrition & Food Mgmt (1-3 hrs, dept approval required)
- OCTE 5172 Organization and Administration of Health Occupation Programs
- OCTE 5323 Methods of Teaching in Health Occupations
- OCTE 5233 Curriculum Design in Occupational & Tech. Education
- ADED 5453 Psychology Of Adult Development
- SFTY 5123 Industrial Hygiene
- FMCD 5373 Life-Span Human Development in Child and Family and Studies
- ADED 5883 Advanced Instructional Methods

#### Elective Courses Area C 15 hrs

- SOC 5233 Human Behavior and Social Environment
- SAS 5303 Substance Abuse and Special Populations
- SOC 5463 The Abused
- SAS 5343 Prevention and Education in Substance Abuse Studies
- SAS 5910 Dual Diagnosis
- SAS 5910 Special Topics in Substance Abuse Studies (1-6 hrs, dept. approval required)
- CJ 5423 Child Abuse and Neglect Law

<table>
<thead>
<tr>
<th>Exercise Science Option</th>
<th>32 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Common Core Courses</strong></td>
<td>15 hrs</td>
</tr>
<tr>
<td>KINS 5213</td>
<td>Leadership of Health, Fitness, and Wellness Programs</td>
</tr>
<tr>
<td>KINS 5113</td>
<td>Legal and Ethical Principles of Wellness Management</td>
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<td>Wellness Intervention Strategies and Skills</td>
</tr>
<tr>
<td>KINS 5223</td>
<td>Technology &amp; Media for Wellness Managers</td>
</tr>
<tr>
<td><strong>Required Courses</strong></td>
<td>11-13 hrs</td>
</tr>
<tr>
<td>PHED 5303</td>
<td>Physiological Basis of Human Performance</td>
</tr>
<tr>
<td>KINS 5303</td>
<td>Diagnostic Tests &amp; Exercise Prescription</td>
</tr>
<tr>
<td>KINS 5333</td>
<td>Rehabilitative Exercise for Special Populations</td>
</tr>
<tr>
<td>KINS 5952-4</td>
<td>Internship OR</td>
</tr>
<tr>
<td>KINS 5992-4</td>
<td>Thesis</td>
</tr>
</tbody>
</table>

#### Elective Courses in Exercise Science - to total 32 hours

- GER 5363 Psychology of Aging
- GERO 5443 Health and Physiology of Aging
- NTRN 5032 Nutrition Education
- KINS 5423 Strength Develop. and Training Methods
- KINS 5403 Biomechanical Analysis
Preparation for Teacher Certification and Licensure

College: Education

Teacher Certification and Licensure

Administration and Professional School Services

- School Principal
- Library Media Specialist
- School Counselor
- School Nurse
- School Psychologist
- School Psychometrist
- Reading Specialist
- Speech-Language Pathologist

Elementary and Secondary Certification Programs

- Art
- Bilingual/Multicultural Education - Special Enrichment Area
- Business Education
- Driver’s Education - Special Enrichment Area
- Early Childhood
- Elementary Education
- English
- Foreign Language
  - French
  - German
  - Spanish
- Mathematics
  - Advanced
  - Intermediate
- Music
  - Instrumental/General
  - Vocal/General
- Physical Education/Health/Safety
- Science
  - Biological Sciences
  - Chemistry
  - General Science
  - Physical Science
  - Physics
- Social Studies
  - U.S. History/Oklahoma History/Government/Economics
  - World History/Geography
- Special Education
  - Mild/Moderate Disabilities
  - Severe-Profound/Multiple Disabilities
- Speech/Drama/Debate

Career Technology Programs

- Marketing Education
- Family & Consumer Sciences
- Trade and Industrial Education
- Business Education - certification test plus specific courses
  - Health Occupations

Certification Requirements

Special Note: Certification requirements established by the Oklahoma State Department of Education and the Oklahoma Commission for Teacher Preparation changed beginning September 1, 1999. Individuals who obtain certification after that date are subject to the new regulations.

Compliance with certification requirements is the responsibility of the individual seeking certification. Advisors can assist in the process, but compliance with all rules and regulations pertaining to certification is the responsibility of the candidate.

The individual seeking certification is responsible for following all guidelines presented in the University of Central Oklahoma undergraduate or graduate catalog, depending upon the academic level of the certificate sought. Graduate level certificates require graduate level course work and completion of a master’s degree for standard certification. Bachelor level programs require the completion of a bachelor’s degree for certification.

Periodically the program guidelines, course work, and state regulations change. It is the responsibility of the individual seeking certification to meet the revised standards. An individual should therefore periodically review the most recent UCO catalog, certification course lists, and state regulations, particularly when an extended period of time has elapsed during the completion of a program.

Program Procedures and Guidelines for Certification

The UCO Teacher Education Services Office is located in Education Building, room 207, telephone 974-5710. Applications and other information regarding certification may be obtained from that office. Applications for certification based on the completion of the University of Central Oklahoma approved programs are processed through the Teacher Education Services Office.

To apply for certification, the individual should:

A. Complete all courses identified for general education and the respective professional education and specialization areas. Course lists may be obtained from the UCO Teacher Education Services.
B. Contact the appropriate department chairperson regarding the course work for the respective program, particularly if it seems likely that some courses previously completed could substitute for required courses in the program. Official substitution forms should be completed where courses, based on their titles, do not seem to match. If course names and levels from different institutions are equivalent, substitutions are NOT necessary.
C. Apply for admission to teacher education following the procedures and guidelines enumerated in "Admission to Teacher Education."
D. Apply to student teaching following the procedures and guidelines enumerated in the section entitled "Admission to Student Teaching." Guidelines are in the Teacher Education Services Office (Ed 207).
Preparation for Teacher Certification and Licensure

College: Education

E. Apply to take the appropriate state certification examinations according to UCO guidelines and suggested timeline. Application is made through the Teacher Education Services Office.

F. For recommendation for the initial license or certificate, the applicant is required to meet all academic standards mandated for admission to student teaching and degree requirements.

G. After completing certification requirements obtain an application for certification from Teacher Education Services Office.

H. For certification at any level the applicant must hold a bachelor’s degree. For certification in graduate programs, the applicant must hold a master’s degree.

I. After all applicable course work has been posted on the UCO transcript, including the degree, if appropriate, candidates submit a complete UCO official transcript along with the completed license or certificate application form to the UCO Teacher Education Services Office for review and recommendation. If courses needed for certification were completed at an institution other than UCO and those courses do NOT appear on the UCO transcript, official copies of those transcripts MUST be submitted with the application form for certification. UCO will not supply official copies of transcripts from other universities. Applications cannot be processed without official transcripts which reflect all required course work.

J. Effective November 1, 2001, Oklahoma requires applicants for initial teacher licensure to have on file with the Oklahoma State Board of Education a current OSBI and FBI fingerprint-based criminal history record. Fingerprint cards for this purpose are available in the Education Building, Room 207.

K. When the Director of Teacher Certification at UCO completes the review of course work with respect to the appropriate UCO approved program requirements and certifies that those requirements have been completed, and the Dean concurs, the application is then forwarded to the Teacher Certification Section of the State Department of Education.

Residence Requirement
In order for the University of Central Oklahoma to recommend candidates for certification, candidates must meet all requirements for teacher education. In addition, candidates must complete at least their last 24 semester hours in the area of specialization (the teaching field) and professional education at UCO. These 24 semester hours must include the following.

PTE 4901 Practicum in Professional Teacher Education (if Educational Psychology taken elsewhere)

PTE 4522 Instructional Designs

PTE 4812 Contemporary Issues

PTE 4828, 4838, or 4848 Directed Observation and Student Teaching

Neither CLEP tests nor advanced standing tests, nor teaching experience may be used to meet the UCO residency requirements.

Admission to Teacher Education
Students at the University of Central Oklahoma who expect to become candidates for the Bachelor of Arts in Education, the Bachelor of Science in Education, or the Bachelor of Music Education degrees (or otherwise qualify to teach) are required to make formal application to the chairperson of the Council on Teacher Education. They are encouraged to do so after completing 40 semester hours and meeting criteria. Application is generally made while completing PTE 3023, Foundations of American Education.

Application for admission to teacher education must be made no later than Friday of the third week of the fall semester to enroll in restricted professional teacher education courses for the spring term and no later than Friday of the third week of the spring semester to enroll in restricted professional education courses for the summer and fall terms. Applications are available in Teacher Education Services, ED207.

The requirements for admission to teacher education beginning Fall 2000 are listed below:

A. Achieve a 2.75 minimum grade point average (GPA) in all courses.

B. Achieve a 2.75 minimum GPA in degree certification major or common courses required for majors with no grade lower than a “C”.

C. Achieve a 2.75 minimum GPA in Professional Teacher Education courses with no grade lower than “C”.

D. Successfully completed 40 semester hours of college credit.

E. Show documentation of experiences of working with children (completion of PTE 3023 or concurrent enrollment will satisfy this requirement).

F. Demonstrate a proficiency in written and oral English as indicated by having grade of “C” or better in six hours of English Composition.

G. Early Childhood, Elementary, and Special Education majors must make a “C” or better in all supportive coursework.

H. Pass the Oklahoma General Education Test (OGET).

Beginning Spring 2001, candidates must pass the OGET prior to application for teacher education.

I. Interview with a departmental faculty advisor to review his/her plans, requirements of the program, etc. The faculty advisor will submit a recommendation to the Council on Teacher Education regarding candidate admissibility.

J. Receive formal approval by the Council on Teacher Education.
Preparation for Teacher Certification and Licensure

College: Education

Students transferring to the University of Central Oklahoma from other institutions at the beginning of the junior year or later will be expected to meet the above conditions before beginning professional teacher education courses. If students have been admitted to another teacher education program at an accredited university, they must formally apply and meet all admission requirements at UCO. Transfer students seeking to take teacher education courses before the formal application period each semester may have their transcripts evaluated in Teacher Education Services to receive special permission to enroll in courses while undergoing the formal application process. They should also provide documentation of program admission from the originating university.

Students of junior standing who come to the University of Central Oklahoma for a summer term only and plan to transfer back to the school from which they came may be permitted to enroll in professional education courses provided they bring a letter from an appropriate official, i.e. advisor, registrar, or dean stating they would be permitted to enroll in such courses at their home college.

Testing Requirements

Individuals seeking licensure must satisfactorily complete the Certification Examinations for Oklahoma Educators before applying for licensure and before a license can be issued by the state. The state curriculum examinations are administered at least four times each year on a set schedule with advanced registration required. Three different exams are required:

1. Oklahoma General Education Test (OGET) must be passed for admission to teacher education.
2. Oklahoma Subject Area Tests (OSAT) must be passed for admission to student teaching.
3. Oklahoma Professional Teaching Examination (OPTE) specific to the teaching level of the certificate sought.

Applications for the state competency examinations are available in Teacher Education Services (ED207). Study guides can be obtained on line from National Evaluation Systems.

College Credit

Only work completed in state and regionally accredited colleges and universities, or transfer credit validated by accredited colleges, will be accepted as a basis for teacher certificates. In order for the applicant to be eligible for certification, the grade point average of the applicant on all work submitted in qualifying for teacher certification shall be equal to or greater than that required for admission to the teacher education program at the University of Central Oklahoma.

Students transferring credit from out-of-state colleges or from Oklahoma colleges not having an approved program for a specific certificate area to an Oklahoma college or university having an approved program in that certificate area shall have their work evaluated by the receiving institution. Transferring students shall expect to satisfy all requirements imposed by the approved program of the receiving institution in qualifying for a standard certificate.

The amount of college credit earned during one year, including correspondence and extension work, which can be used to meet certification requirements, will be controlled by the rules and regulations of the college or university. However, not more than one-fourth of the work completed to satisfy requirements in any area of preparation (general education, professional education, specialization) nor more than one-fourth of the total academic work completed may be taken by correspondence and/or extension study.

Course Work Completed in Community Colleges

Only 64 semester hours of credit taken in an accredited community college may be counted toward satisfying the general education and specialized education requirements of an approved certificate program. Work taken in an accredited community college after achieving sixty-four (64) or more semester hours may count toward certification in the areas of general education and specialized education providing the following guidelines are met:

A. The course work is lower division work as determined by the course level assigned to the course by the four year institution that will make recommendation for certification. If UCO designates a course as a junior or senior level course (3000 or 4000 level), then a comparable course completed at a junior college will NOT substitute for the course in the UCO approved teacher certification program.

B. The course work is applicable in meeting the approved program of certification at the recommending institution.

C. The course work CANNOT include any early childhood or elementary specialization area courses (this refers to the 40 hours of specialization).

D. The course work CANNOT include any teacher education courses (this refers to courses in the 30-33 hours in teacher education).

E. The course work is counted in lieu of an equal number of hours of the 64 already taken at a junior college so that no more than 64 semester hours, in total (including all general education), are being counted from junior colleges.

F. The last nine semester hours of credit in the area of specialization were completed in an institution having an approved teacher certification program in the area of concern. Junior colleges do not have state approved teacher certification programs.
Issuance of a Initial License

The State Board of Education shall issue a license to teach to any person who completed his/her initial teacher education program after January 31, 1982, has not taught in a state accredited elementary or secondary school for a minimum of one year and completed the residency-year requirements, and who meets all of the following requirements: (If the individual completed his/her initial teacher education program prior to February 1, 1982, he/she should contact the State Department of Education regarding their certification requirements.)

A. Has successfully completed all training and courses required by the State Board of Education based on the guidelines and program in effect at the time of application for certification.
B. Has graduated from an accredited four year college or university and holds the standard baccalaureate degree. (The only exceptions are for students applying for certification in specific vocational-technical programs);
C. Has made the necessary application for the certification exams and paid the certification examination fees.
D. Has received a passing score on the certification examination.
E. Has made application to the State Department of Education on the appropriate State of Oklahoma form and paid the appropriate application fee for each class of certificate sought.
F. Has received recommendation from the preparing institution for the certificate desired if the teacher preparation work was completed in Oklahoma. The State of Oklahoma certificate application form must be signed by the Dean and Director of Teacher Certification.
G. Has met all other requirements as may be established by The State Board of Education including meeting the recency requirement at the time of application for certification. The applicant should contact the State Department of Education regarding current recency requirements.

Issuance of Standard Certificates

The State Board of Education shall issue a certificate to any person who meets all of the following requirements:

If the individual completed his/her initial teacher education program after January 31, 1982, he/she must have passed the applicable state certification examination, completed one year of teaching in a state accredited elementary or secondary school, and for Oklahoma teachers, have successfully completed the residency-year program and received recommendation by the residency-year committee. The individual must then make application to the State Department of Education and pay the certification fee. (If the individual completed his/her initial teacher education program prior to February 1, 1982 he/she should contact the State Department of Education regarding their certification requirements).

Issuance of a License or Certificate for Additional Certification Areas

Individuals who currently hold a valid Oklahoma license or certificate at the standard certification level who desire UCO recommendation to obtain certification in another specialization area, must complete the following:

A. Complete the specialization area courses based on the UCO state approved program.
B. Complete a minimum of the last nine semester hours toward the new certification area through the University of Central Oklahoma.
C. Satisfactorily complete the applicable state certification examination(s).
D. Complete the appropriate developmental psychology course (e.g. child, adolescent, or developmental) for the level of the new certification area if the course was not completed previously (see the professional education work sheet for the new specialization area).
E. Complete the course SPED 4123 Theories and Techniques of Exceptional Individuals if not previously completed.
F. Make application for the new license/certificate through the Teacher Education Services Office (ED 207) following the required procedures.

Teaching Certificate Definitions and Overview

For certification to be received, an individual must hold a bachelor’s degree and have completed the course requirements in professional education and in the area specialization, and have received a passing score on the applicable state certification examination(s).

A. License - The class of certification for entry-level teachers is a license. Application for licensure is made through UCO.
B. Standard Certificate - The license will be changed to a standard certificate upon successful completion of the residency year program and application to the State Department of Education for a certificate. Application is made directly to the Oklahoma State Department of Education.
C. Emergency Certificate - This certificate is issued only in emergency cases upon request and recommendation from a local school superintendent, who shall state the school’s intention to employ the applicant if the certificate is granted.

All emergency certificates are valid only within the school district upon whose request they are granted. For those individuals who obtain emergency teaching certificates, it is recommended that they contact the Director of Field Experiences in Teacher Education Services prior to the beginning of the school year during which their emergency certificate is valid and discuss the alternative plan for student teaching.
Any person who obtains an emergency teaching certificate to teach in an Oklahoma accredited elementary or secondary school and has had no student teaching experience may complete the alternative plan for student teaching. The plan requires that the individual enroll in the four-semester hour in-service supervised teaching experience at the University of Central Oklahoma (permission and documentation of employment are required for enrollment). The in-service supervised teaching experience shall be completed during the first year that the teacher is employed in an accredited school. Permission from the school superintendent for participation in the in-service supervised teaching experience is required, and the individual must be supervised by UCO.

To complete a teacher certification program at UCO and to be recommended for teacher certification by UCO, the individual must have been admitted to the University of Central Oklahoma Professional Teacher Education program. The individual completing the alternative plan for student teaching must follow the guidelines presented in the section “Admission Requirements.”

The number of semester hours of professional education normally required for the certificate sought may be reduced by the number of student teaching semester hours that are required. This reduction may be made if the student successfully completes the four semester hours of in-service supervised teaching experience.

Upon the completion of one year of teaching, the in-service supervised teaching experience, the residency year assistance program, successful completion of the appropriate certification examination(s), and other requirements appropriate to the certificate sought, the applicant may be recommended for a standard certificate.
**Preparation for Library Media Specialist Certification**

**College: Education**

### Library Media Specialist Certification

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to supervise and/or administer Library Media services in grades K-12 in any accredited school in Oklahoma and to teach Library Media Skills in grades K-12. A list of required courses may be obtained from the program advisor.

### Standard Library Media Specialist Certificate

A master's degree is required for Standard certification.

#### A. Standard Certificate Program for applicants NOT holding a Master’s Degree


2. Applicants may qualify if they hold and maintain a valid certification credential in early childhood education, elementary education, elementary-secondary education, secondary education, or vocational-technical education.

3. If the applicant does not already hold a master’s degree in the above areas, specialized course work to fulfill standard certification requires 33 semester hours in the area of specialization, including:
   - **Library Media Management**
     - IME 5053 Admin. of School Media Center
     - IME 5243 Effective Writing in Inst. Technology
   - **Reference**
     - IME 5423 Reference and Bibliography
   - **Selection of Print and Non-print Materials**
     - IME 5023 Materials Selection
   - **Cataloging of Print and Non-print Materials**
     - IME 5453 Cataloging & Classification
   - **Books and Materials for Children**
     - IME 5233 Library Materials for Elem. Schools
   - **Books and Materials for Young People**
     - IME 5013 Library Materials for Second. Schools
   - **Instructional Materials Production**
     - IME 5133 Production I
     - IME 5863 Production II
   - **Design and Development of Instruct. Materials**
     - IME 5543 Instructional Design & Develop. I
   - **Public Relations for School Library Media Programs**
     - IME 5223 Public Relations and Information Skills

4. The applicant shall pass the State Teacher Certification Test for Library Media Specialist.

5. The applicant must have completed an undergraduate course in Psychology of Exceptional Children.

#### B. Standard certification program for applicants already holding a master’s degree

1. The applicant shall satisfy all criteria related to specific requirements for other certified personnel certificate programs as stated on page 141 of Appendix H of the Teacher Education and Certification Guidelines and Procedures Handbook, and admission standards, general education and professional education requirements as stated on pages 19-24 of the Teacher Education and Certification Guidelines and Procedures Handbook.

2. Applicants may qualify if they hold and maintain a valid certification credential in early childhood education, elementary education, elementary-secondary education, secondary education, or vocational-technical education.

3. If the applicant already holds a Master’s Degree in one of the above areas, specialized course work to fulfill standard certification requires 24 semester hours in the area of specialization from areas (a-l), with areas (a-f) being required courses:
   - **Library Media Management**
     - IME 5053 Admin. of School Media Center
   - **Reference**
     - IME 5423 Reference and Bibliography
   - **Selection of Print and Non-print Materials**
     - IME 5023 Materials Selection
   - **Cataloging of Print and Nonprint Materials**
     - IME 5453 Cataloging and Classification
   - **Books and Materials for Children**
     - IME 5233 Library Materials for Elem. Schools
   - **Books and Materials for Young People**
     - IME 5013 Library Materials for Second. Schools
   - **Instructional Materials Production**
     - IME 5133 Production I
     - IME 5863 Production II
   - **Design and Develop. of Instructional Materials**
     - IME 5543 Instructional Design & Develop. I
   - **Public Relations for School Library Media Programs**
     - IME 5223 Public Relations and Information Skills

4. The applicant shall pass the state teacher certification test for Library Media Specialist.

5. The applicant must have completed an undergraduate course in Psychology of Exceptional Children.

#### C. Standard certification program for applicants who already hold a master’s degree in library science

Alternative Certification is available with a Master’s Degree in Library Science and 6-12 hours of teacher education courses, depending on work experience.

1. Student teaching will not be required if the applicant has at least two years of experience as a full-time librarian in a non-school capacity.

2. The applicant shall pass the state teacher certification test for Library Media Specialist.
Preparation for Library Media Specialist Certification

General Guidelines

1. All courses applicable to the Master of Education in Instructional Media Degree must be taken at the graduate level. Applicable courses taken at the undergraduate level may apply toward certification, but will not apply toward the Master’s Degree.

2. A minimum of at least the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by UCO.

3. The applicant shall satisfactorily complete the state curriculum examination in the area of Library Media Specialist prior to being issued a standard license/certificate.

4. The applicant shall hold a Bachelor’s Degree from an accredited institution.

5. The applicant shall satisfy all general regulations of eligibility including, for the standard certificate, completion of the course SPED 4722 Psychology of Exceptional Children or its equivalent.

6. Individuals who have not previously completed a teacher education program must apply for, and be admitted to teacher education and to student teaching at the University of Central Oklahoma and complete all program requirements before certification recommendation will be made.

7. The applicant must satisfy all criteria relating to specific requirements for elementary-secondary school certification programs, including admission to teacher education and admission to student teaching.
Preparation for School Principal Certification

College: Education

School Principal Certification

General Guidelines
1. The applicant shall satisfy all general regulations of eligibility including, for the standard certificate, completion of the course SPED 4722 Psychology of Exceptional Children.
2. The applicant shall hold and maintain a valid Oklahoma standard certificate in one of the following areas: Early Childhood, Vocational-Technical, Library Media Specialist, Speech-Language Pathology, or an Elementary/Secondary teaching field.
3. The applicant is required to have had two years of teaching experience in an accredited elementary school, middle school, junior high school, or senior high school.
4. The applicant shall hold a Master’s Degree granted by an institution accredited by a regional accrediting association.
5. The applicant must successfully complete the Elementary, Middle School, or Secondary School Principal State Curriculum Examinations prior to being issued a certificate.
6. All courses taken for administration certification must be completed at the graduate level.
7. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendations by UCO.

School Principal Required Course Work 34 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Found. of Educational Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>* EADM 5543</td>
<td>Fundamentals of Public School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PTE 5153</td>
<td>Advanced Developmental Psychology in an Educational Setting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5453</td>
<td>Interpersonal Relationships in School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5673</td>
<td>School Personnel Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5683</td>
<td>Curriculum Leadership</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5623</td>
<td>Supervision &amp; Eval. of Instruction</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5553</td>
<td>Legal Aspects of School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5353</td>
<td>Computer Applications and Technology for School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>** EADM 5814</td>
<td>Principalship/Internship</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EADM 5583</td>
<td>Public School Finance</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Total 34 hrs

*Must be taken within the first nine hours of the program of study at UCO.

**Must be taken the semester prior to graduation or in the Spring prior to a Summer graduation.
Preparation for Reading Specialist Certification

College: Education

Reading Specialist Certification

Completion of the required courses will enable the student to apply for official certification. The certificate authorizes the holder to serve as a Reading Specialist in grades K-12 in any accredited school in Oklahoma. This is a graduate level program. A list of required courses may be obtained from the program advisor.

Prerequisites

1. Completion of a Bachelor’s Degree is a prerequisite for entrance into the Reading Specialist Program.
2. A minimum of six semester hours of course work is required in the following areas as a prerequisite to the program. These courses cannot be counted as part of the program, but are required for the certificate. These courses may be completed at the undergraduate or graduate level.
   a. One course in reading methods
   b. One course in language arts methods or literature (children’s or adolescent)
3. For standard certification, the applicant must have completed the course SPED 4722 Psychology of Exceptional Children (or an equivalent course).
4. Candidates receiving the Reading Specialist Certificate must hold a standard teaching certificate in early childhood, elementary education, elementary-secondary, or secondary education.
5. A minimum of two years teaching experience is required in an accredited elementary or secondary school for certification.

General Guidelines

1. For the standard certificate, the applicant must hold a Master’s Degree granted by an institution accredited by a regional accrediting association.
2. The applicant must successfully complete the state curriculum examination in the area of Reading Specialist prior to being issued a certificate.
3. All courses taken for Reading Specialist Certification must be completed at the graduate level.
4. The program for Reading Specialist Certification includes 32 semester hours of graduate course work for the standard certificate. The specific courses are outlined below.
5. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation from UCO.

Reading Specialist Certificate Courses 32 hrs

A. Specialization Area 21 hrs minimum

1. Theoretical Foundation of Reading 6 hrs minimum
   READ 5623 Foundations & Survey of Reading Fall
   READ 5663 Theoretical Basis of Reading Spring
2. Diagnosis of Correction 6 hrs minimum
   READ 5843-*1 Diagnosis and Correction of Reading Disabilities Fall
   READ 5443-*2 Advanced Diagnostic Prescriptive Procedures Spring
3. Clinical Experience 7 hrs minimum
   READ 5854 Clinical Practices in Reading - Summer
   READ 5913 Seminar: Balanced Reading Program- Phonics to Comprehension - Spring
4. Professional Development 2 hrs minimum
   READ 5712 Organization and Supervision of Reading Program

*Note: These courses must be taken in sequential order according to the superscript numbers.

B. Professional Education Area 11-12 hrs

Professional Education course work designed to fulfill master’s degree requirements shall be completed in each of the following areas for certification. A maximum of one course in each area will be counted.

1. Research 2-3 hrs
   PTE 5013 Foundations of Educational Research
2. Language and Literacy 3 hrs
   ENG 5343 Linguistics -Summer
   ENG 5323 History of the English Language
3. Measurement 2-3 hrs
   GUID 5333 Individual Test Interpretation-Summer,Fall
   PTE 5413 Educational Statistics
   PSY 5803 Individual Testing Techniques-Wechsler
   PTE 5383 Principles of Test and Measurements
4. Theories & Methods of Learning 2-3 hrs
   TESL 5962 Inst-Multicultural Education-wkend sp.
   SPED 5443 Behavior Classroom Management
   PTE 5203 Advanced Educational Psychology
   PTE 5822 Advanced Psychology of Childhood

Total - Reading Specialist Certificate 32 hrs
## School Counselor Certification

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to serve as a counselor in any accredited school in Oklahoma.

### General Guidelines

1. The applicant shall hold a valid classroom teaching certificate.
2. The applicant shall have a minimum of two years classroom teaching experience in an accredited school within the five years immediately preceding the date of application for certification.
3. The applicant must satisfactorily complete the state curriculum examination for School Counselor prior to receiving a Standard School Counselor Certificate.
4. All course work must be at the graduate level.
5. The last nine semester hours of course work must be completed at the University of Central Oklahoma for recommendation by UCO.
6. For standard certification the applicant shall hold a master's degree granted by an institution accredited by a regional accrediting association.
7. Complete all requirements for admission to the program in Guidance and Counseling and be accepted into the program by the Guidance and Counseling curriculum committee.
8. For certificate recommendation, the applicant shall have completed the approved program for certification as a school counselor as outlined below and successfully passed the appropriate state required exams.

## School Counselor Required Course Work 30 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5383</td>
<td>Principles of Tests &amp; Measurements</td>
<td></td>
</tr>
<tr>
<td>GUID 5013</td>
<td>Prin. of Guidance &amp; Counseling</td>
<td></td>
</tr>
<tr>
<td>GUID 5163</td>
<td>Theo. &amp; Tech. of Individ. School Cnslg</td>
<td></td>
</tr>
<tr>
<td>GUID 5133</td>
<td>Multicultural Counseling</td>
<td>GUID 5163</td>
</tr>
<tr>
<td>GUID 5443</td>
<td>Career Guidance</td>
<td>GUID 5013 or concurrent enrollment</td>
</tr>
<tr>
<td>GUID 5113</td>
<td>Theories &amp; Tech. of Group Cnslg.</td>
<td>GUID 5163</td>
</tr>
<tr>
<td>GUID 5153</td>
<td>Counseling Intervention Strategies</td>
<td>GUID 5163</td>
</tr>
<tr>
<td>GUID 5253</td>
<td>Developmental Guidance</td>
<td></td>
</tr>
<tr>
<td>* GUID 5953</td>
<td>Internship</td>
<td>GUID 5013 &amp; PTE 5153</td>
</tr>
</tbody>
</table>

* 200 Total Hours: 100 hours in Counselor Education Clinic, 100 hours in an accredited school site

## Total - School Counselor Certificate 30 hrs

PTE 5013 must be taken within the first two semesters of enrollment.
School Psychologist Certification

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to serve as a School Psychologist in any accredited school in Oklahoma.

Prerequisites
1. The applicant shall hold and maintain a valid standard certificate in one of the following areas: early childhood, elementary, elementary-secondary, or secondary teaching certificate. If no teaching certificate is held, the applicant must have completed the following course work:
   - ECED 4073 Language Development and Emergent Literacy OR
   - ELED 4063 Teaching Reading in the Primary Grades
   - ELED 4333 Teaching Mathematics in Intermediate Grades OR
   - ELED 4323 Teaching Mathematics in Pre-School and Primary Grades
   - PSY 5902 Educational Field Experience
(120 clock hours in regular education and special education)

2. Admission to the program through the University of Central Oklahoma School Psychology Review Board is a prerequisite to completion of the program.

General Guidelines
1. The minimum requirements for the standard School Psychologist Certificate include a master’s degree in one of the following areas: psychology, educational psychology, child psychology, special education, counseling, or a related field.
2. The Standard Certificate is the only certificate option available for the School Psychologist.
3. The applicant shall pass the school psychologist state curriculum examination prior to being issued the certificate.
4. The applicant must complete a minimum of sixty (60) semester hours of graduate courses as outlined below.
5. The graduate course work required in the area of specialization may be counted from work completed for the Psychometry/Educational Diagnostician Certificate program, from work completed for the master’s degree, and from graduate course work beyond the master’s degree. The specific required course work for the School Psychology Certificate is outlined below.
6. All course work must be completed at the graduate level.
7. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by UCO.

Required Course Work 60 hrs

A. Core 40 hrs
   - EADM 5543 Fund. of Public School Admin. 3 hrs
   - PSY 5753 Advanced SPSS OR
   - PTE 5413 Educational Statistics 3 hrs
   - PSY 5143 Advanced Develop. Psych. OR
   - PTE 5822 Advanced Psych. of Childhood, AND
   - PTE 5832 Advanced Psych. of Adolescence
   - PSY 5633 Modern Learning Theories OR
   - PTE 5203 Advanced Educational Psych 3 hrs
   - PSY 5233 Psychopathology 3 hrs
   - PSY 5253 Psychodiagnostic Survey 3 hrs
   - PSY 5013 Bioskos Social Psychology 3 hrs
   - PSY 5722 Intro. to School Psychol. Services 2 hrs
   - PSY 5803 Individ. Testing Tech., Wechsler 3 hrs
   - PSY 5813 Diagnostic Testing Techniques 3 hrs
   - SPED 5913 Cnsling. Fam. of Except. Children 3 hrs
   - PTE 5383 Prin. of Tests & Measurements 3 hrs
   - SPED 5443 Behavioral Classroom Mgmt 3 hrs
   - PSY 5932 Individ. Study in Schl. Psych. Svcs 2 hrs

B. Counseling 6 hrs
   - GUID 5153 Counseling Intervention Strategies
   - GUID 5213 Counselor as Consultant
   - PSY 5473 Theories & Techniques of Counseling
   - PSY 5483 Theories & Techniques of Grp. Counseling

C. Practicum 4 hrs
   - PSY 5902 Practicum in School Psychometry 2 hrs
   (150 clock hours of direct services)
   - PSY 5902 Practicum in Sch. Psych. Services 2 hrs
   (150 clock hours of direct services)

D. Internship 6 hrs
   - PSY 5956 Internship School Psych. 6 hrs
   (1200 clock hours direct services)

   The remaining semester hours of graduate course work may be taken from related areas and/or areas required for completion of the master’s degree.

Total - Standard Certificate: 60 hrs
# Preparation for School Psychometrist Certification

**School Psychometrist Certification**

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to serve as a School Psychometrist/Educational Diagnostician in any accredited school in Oklahoma.

**Prerequisites**

1. The applicant shall hold and maintain a valid standard certificate in one of the following areas: early childhood, elementary education, library media specialist, speech-language pathology, elementary-secondary, or secondary. If no teaching certificate is held, the applicant must have completed the following course work.

   - ECED 4073 Language Development and Emergent Literacy
   - ELED 4063 Teaching Reading in the Primary Grades
   - ELED 4333 Teaching Mathematics in Intermediate Grades OR
   - ELED 4323 Teaching Mathematics in Pre-School and Primary Grades
   - PSY 5902 Educational Field Experience (120 clock hours in regular education and special education)

2. The following courses are prerequisites to approved standard certification programs in School Psychometry.

   - PSY 2703 General Psychology
   - SPED 4123 Theories and Techniques for Exceptional Individuals
   - PTE 5142 History of Education OR
   - PTE 5172 Educational Sociology
   - PTE 4533 Educational Psychology
   - PTE 4133 Child Psychology OR
   - PTE 4153 Adolescent Psychology

3. Admission to the program through the University of Central Oklahoma School Psychology Review Board is a prerequisite to completion of the program.

**General Guidelines**

1. The minimum requirements for the standard Psychometrist/Educational Diagnostician Certificate include a master’s degree in one of the following areas: psychology, educational psychology, child psychology, special education, counseling, or a related field.

   - PSY 5803 Wechsler
   - PSY 5813 Diagnostic Testing Techniques
   - PTE 5383 Prin. of Tests and Measure.

2. The applicant shall pass the School Psychometry State Curriculum Examination prior to being issued a certificate.

3. The applicant must complete a minimum of 28 semester hours of graduate course work as outlined below, beyond the prerequisites.

4. All course work must be completed at the graduate level.

5. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by the University of Central Oklahoma.

## Required Courses - 25 hrs

### A. Core Area

- **Special Education**: 3 hrs
  - SPED 5913 Counseling Families of Exceptional Children
  - SPED 5443 Behavioral Classroom Management

### B. Psychoeducational Diagnostic Procedures

- **Psychology of School-age Children**: 3 hrs
  - PSY 5143 Advanced Developmental Psychology OR
  - PTE 5822 Advanced Psychology of Childhood OR
  - PTE 5832 Advanced Psych. of Adolescence

### C. Special Psychology

- **Psychopathology**: 3 hrs
  - PSY 5233 Psychopathology

### D. School Psychological Services

- **Intro. to School Psych. Services**: 2 hrs
  - PSY 5722 (150 clock hours direct service)

**Total - Schl. Psychometrist/Educ. Diagnos.: 25 hrs**

**Certificate: Standard**
**Preparation for Speech-Language Pathology Certification**

<table>
<thead>
<tr>
<th>College: Education</th>
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</thead>
</table>

**Speech-Language Pathology Certification**

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to provide speech-language pathology services in any accredited school in Oklahoma. A list of required courses may be obtained from the program advisor.

The speech-language pathologist is a professional concerned with clinical diagnosis, evaluation and remediation of communication handicaps which impair an individual’s ability to appropriately access social and academic learning experiences.

This program consists of an approved program at the undergraduate level and at the graduate level.

**General Guidelines for the Standard Speech-Language Pathology Certificate**

1. The applicant must satisfy all criteria for elementary-secondary school certificate programs, including admission to teacher education standards.
2. Individuals who have not previously completed a teacher education program must apply for and be admitted to teacher education at the University of Central Oklahoma before certification will be recommended.
3. The applicant must hold the master’s degree for the Standard Certificate.
4. The applicant shall pass the state curriculum examination in Speech-Language Pathology prior to being issued a standard certificate/license.
5. The applicant shall have completed at least nine semester hours within the five years immediately preceding the date of application in order to apply for certification. Evidence of speech-language pathology experience in a hospital, other agency, or private practice may be substituted at a rate of three semester hours for each year of experience. If employment is used in lieu of course completion, official verification of employment must accompany the application for certification.
6. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by UCO.

**Standard Speech-Language Pathology Certificate (Additional Guidelines)**

1. The applicant must satisfy all requirements related to formal admission to Graduate Studies in the UCO approved program for the Standard Speech-Language Pathology Certificate.
2. The applicant must complete an approved program for the Speech-Language Pathology Certificate which consists of a minimum of thirty-five semester hours of graduate course work culminating in a Master’s Degree.
3. The academic and practicum requirements of the ASHA C.C.C. must be met before an individual can receive a master’s degree in speech-language pathology (SLP) and before standard certification can be recommended. If an individual holds a bachelor degree in an area other than speech-language pathology, a number of prerequisites will be required in the specialization area. The standard requirements for ASHA C.C.C. and the master’s degree combined are greater than the 35 semester hours required for the Master’s Degree alone. Again, the Master’s Degree will not be conferred unless ALL academic and practicum requirements for national certification (ASHA -C.C.C.) have been met. The individual seeking a certificate/degree in speech-language pathology will need to contact an advisor in that area for specifics.
Criminal Justice Management & Administration (M.A.)

The Master of Arts in Criminal Justice Management and Administration degree program is designed to meet Oklahoma’s needs for graduate education in the area of criminal justice management and administration. The curriculum has been developed to provide those individuals having a bachelor’s degree in criminal justice or a related field, those who are presently employed in a criminal justice environment, and those wishing to work in the field an opportunity to advance their skills and knowledge, qualifying them for specialized job opportunities in the area of criminal justice.

The Master of Arts in Criminal Justice Management and Administration curriculum also encourages the development of the student’s critical, analytical, and creative abilities related to the subject area. This is accomplished by the development of research skills, class work, and out-of-class projects and practica.

I. Admission Requirements for the M.A. in Criminal Justice Management & Administration Program

Students seeking an M.A. in Criminal Justice Management & Administration must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard.

B. Meet the GPA requirement of 2.75 overall, or 3.00 in the last 60 hours.

C. Submit a two-page letter on statement of purpose for obtaining degree.

D. Submit two letters of recommendation.

E. Take the Graduate Record Examination (GRE); a score of 1000 on the Verbal and Quantitative and 3.5 on the written assessment.

F. Complete the following or equivalent courses at the undergraduate level:
   - Juvenile Delinquency
   - Police Administration & Organization
   - Administration of Correctional Institutions
   - Administration of Justice
   - Criminology OR

G. Possess a master’s degree from an accredited university/college with an overall GPA of 3.00 and meet the requirements of Section E and F hereinabove.

H. **Approval from the Criminal Justice Committee: Submit all application documents for the Criminal Justice graduate admissions to the Jackson College of Graduate Studies & Research (University of Central Oklahoma, 100 N University Drive, Box 117, Edmond, Oklahoma 73034) no later than the following dates:

   **Semester**  | **Application Deadline**
   Summer and Fall | March 15
   Spring | October 1

**A student satisfying the above requirements will be admitted to the Jackson College of Graduate Studies and Research on a conditional basis and allowed to enroll in a maximum of 12 hours until the committee convenes and makes a recommendation for admission to the Master of Arts in Criminal Justice Management and Administration program.

II. Advisement

Upon admittance to the Jackson College of Graduate Studies & Research, a student will be assigned a faculty advisor. The faculty advisor will assist the student in all matters pertaining to the completion of the master’s degree. Thesis students will be assigned additional advisors to form a thesis committee. Further, a departmental committee may be called upon to assist in determining if a student has adequate undergraduate preparation to complete work toward the Master of Arts in Criminal Justice Management and Administration.

III. M.A. Criminal Justice Management and Administration Curriculum 36 hrs

In completing the required thirty or thirty-two credit hours for the master’s degree, the student will satisfy: (A) the core requirements and the additional degree requirements depending upon whether the student elects the thesis (B) or non-thesis (C) program.

A. Core Courses
   - CJ 5013 Juvenile Justice Systems Management and Administration
   - CJ 5093 Police Systems Management and Administration
   - CJ 5053 Criminal Justice Systems Management and Administration
   - CJ 5133 Correctional Systems Management and Administration
Program: Criminal Justice Management and Administration
Degree: Master of Arts (M.A.)
College: Liberal Arts

B. Thesis Option 36 hrs
1. Eighteen (18) hours shall be taken from related areas below.
2. Six (6) hours will be awarded for the successful completion of a thesis. The student electing the thesis option must demonstrate to the Advisory Committee that he/she has the prerequisite background, skills, and motivation for carrying out an original scholarly research project. Further, the student must submit a thesis proposal to his/her Advisory Committee for approval before the thesis project can begin. After the thesis has been completed and approved by the student's Advisory Committee, the student must undergo and pass an oral examination by his/her Advisory Committee over the research completed.

Any graduate student entering in the Fall, 2001 semester and thereafter who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the College of Graduate Studies and Research will be present at the defense.

C. Non-Thesis Option 36 hrs
Twenty-four (24) hours shall be taken from the following related areas: business, computer science, criminal justice, psychology, political science, sociology and/or substance abuse studies. Other courses approved by advisor.

Comprehensive Examination
Students in the Master of Arts in Criminal Justice Management and Administration, whether taking the thesis or non-thesis option, must pass a comprehensive written examination written by the Department of Sociology, Criminal Justice and Substance Abuse Studies in the area of Criminal Justice Management and Administration. A minimum score of eighty per cent (80%) is required on the comprehensive examination to satisfy the requirement for graduation. Failure to pass the comprehensive examination denies graduation until such time as the student is able to satisfactorily complete this degree requirement. The student may take the comprehensive exam two times without penalty. If the student fails the comprehensive exam the second time, additional course work may be recommended by the advisor before the student is allowed to take the comprehensive examination again. On completion of all other degree requirements, a student will have a maximum of two years to satisfactorily complete the comprehensive exam. Extension on this time limit will be considered on an individual basis.

NOTE: No foreign language requirement is included in the Master of Arts in Criminal Justice Management and Administration degree.
The Master of Arts in English is a flexible yet comprehensive program of graduate study fitted to the individual student’s needs. The program provides this flexibility with five separate options from which the student may choose:

1. Composition and Rhetoric
2. Contemporary Literature
3. Creative Writing
4. Teaching English as a Second Language (TESL)
5. Traditional Studies

The curricular requirements of the Master of Arts in English degree program encourage the student to develop his or her critical, analytical, and creative abilities in the field of English.

Composition and Rhetoric Option

I. Admission Requirements for the MA in English: Composition and Rhetoric Option
Students seeking an MA in English Composition and Rhetoric Option must fulfill the following requirements before they will be formally admitted to the program:
A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.
B. Meet the GPA requirement of 2.50 overall, or 2.50 in the last 60 hours attempted.
C. Have completed 24 undergraduate hours of English language and literature above the freshman level with a GPA of 2.75 or higher. Any student not meeting this requirement will be admitted as a NON-DEGREE SEEKING STUDENT. The student may take additional undergraduate course work or retake courses in order to obtain the required GPA in this area.
D. Complete all prerequisites, if any, as determined by the graduate advisor.

II. Advisement for Composition and Rhetoric
The advisement of graduate students in the Master of Arts in English option in Composition and Rhetoric is the responsibility of the Graduate English Faculty. During or before the student’s first semester, the Director of Graduate English Studies will advise the student. After completion of eight graduate semester hours, the student will select a Graduate Advisory Committee consisting of a chairperson and two other faculty members.

III. Curriculum for Composition and Rhetoric
Course Requirements:
A. Students must complete satisfactorily either
   ENG 5783 Composition Theory and Research OR
   ENG 5013 Bibliography & Methods of Research
B. Students must complete satisfactorily:
   ENG 5553 History of Rhetoric from the Classical Age
   ENG 5653 History of Rhetoric: 1700 to Present
   ENG 5723 Composition Pedagogies
   If a student has completed satisfactorily ENG 4553 History of Rhetoric 1700 from the Classical Age, AND/OR ENG 4653 History of Rhetoric since 1700, as an undergraduate, the student may substitute up to 6 hours of ENG 5753 Issues in Rhetoric. If the student has completed ENG 4723 Composition Pedagogies, as an undergraduate, the student may substitute ENG 5533 Methods of Teaching Composition for Teaching Assistants.
C. Students must complete satisfactorily 9 hours (3 classes) from the following list:
   ENG 5023 Advanced Technical Writing
   ENG 5033 Issues in Technical Writing
   ENG 5283 English Grammar and Usage
   ENG 5323 History of the English Language
   ENG 5343 Linguistics
   ENG 5353 Issues in Linguistics
   ENG 5473 Advanced Composition
   ENG 5533 Methods of Teaching Composition for Teaching Assistants
   ENG 5753 Issues in Rhetoric
   Students may not repeat any course other than those designated as “Issues” courses.
D. At least 20 of the 32 required graduate hours must be in graduate English courses. A maximum of four hours thesis credit may be included in the 32 required hours.
E. Approved graduate electives must total a minimum of 32 graduate hours.

IV. Foreign Language Requirement for Composition and Rhetoric
Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:
A. Make a passing grade on a foreign language reading examination to be administered by the Department of Modern Languages, Literatures, and Cultural Studies.
B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma.
C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university.

NOTE: The student should start early in the program to satisfy this requirement.

V. Thesis or Non-thesis Programs for Composition and Rhetoric
Students may elect to take the thesis or non-thesis program.

VI. Final Examination for Composition and Rhetoric
A. Thesis Students
   The examination will be a two-hour oral. Part of the examination will deal with critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis.
   Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.
Program: English–Contemporary Literature

<table>
<thead>
<tr>
<th>Degree: Master of Arts (M.A.)</th>
<th>College: Liberal Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Non-thesis Students</td>
<td>1. British Literature of the Elizabethan Age or before</td>
</tr>
<tr>
<td>Non-thesis students will take a 4-to 6-hour written examination. The examination will evaluate the student’s ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.</td>
<td>2. British Literature of the 17th century</td>
</tr>
<tr>
<td>C. Re-examination</td>
<td>3. British Literature of the 18th century</td>
</tr>
<tr>
<td>In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.</td>
<td>4. British Literature of the 19th century</td>
</tr>
<tr>
<td>Contemporary Literature Option</td>
<td>5. American Literature to 1900</td>
</tr>
<tr>
<td>I. Admission Requirements for the MA in English: Contemporary Literature Option</td>
<td>6. Contemporary British or American Literature</td>
</tr>
<tr>
<td>Students seeking an MA in English Contemporary Literature Option must fulfill the following requirements before they will be formally admitted to the program:</td>
<td>7. Composition and Rhetoric</td>
</tr>
<tr>
<td>A. Apply for admission to the Jackson College of Graduate Studies &amp; Research, Room 404, NUC. See page 19.</td>
<td>This requirement may be satisfied with an author course, a period course, or a genre course if it is restricted to the age indicated. The student’s Advisory Committee will evaluate the student’s transcript and indicate what courses the student must take.</td>
</tr>
<tr>
<td>Note: No student will be admitted to this program or to the Jackson College of Graduate Studies &amp; Research who does not meet the program admission standards.</td>
<td>C. Students must complete twelve hours in the area of Contemporary Literature.</td>
</tr>
<tr>
<td>B. Meet the GPA requirement of 2.50 overall, or 2.50 in the last 60 hours attempted.</td>
<td>D. At least 24 of the 32 graduate hours required for the MA English degree must be in graduate English courses. Students may take up to eight hours outside the department with the approval of the Advisory Committee. A maximum of four hours of thesis credit may be included in the 32 required hours.</td>
</tr>
<tr>
<td>C. Have completed 24 undergraduate hours of English language and literature above the freshman level with a GPA of 2.75 or higher. Any student not meeting this requirement will be admitted as a NON-DEGREE SEEKING STUDENT. The student may take additional undergraduate course work or retake courses in order to obtain the required GPA in this area.</td>
<td>E. Approved graduate electives must total a minimum of 32 graduate hours.</td>
</tr>
<tr>
<td>D. Complete all prerequisites, if any, as determined by the graduate advisor.</td>
<td>IV. Foreign Language Requirement for Contemporary Literature</td>
</tr>
<tr>
<td>II. Advisement for Contemporary Literature</td>
<td>Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:</td>
</tr>
<tr>
<td>The advisement of graduate students in the Master of Arts in English option in Contemporary Literature is the responsibility of the Graduate English Faculty. During or before the student’s first semester, the Director of Graduate English Studies will advise the student. After completion of eight graduate semester hours, the student will select a Graduate Advisory Committee consisting of a chairperson and two other faculty members.</td>
<td>A. Make a passing grade on a foreign language reading examination to be administered by the Department of Modern Languages, Literatures, and Cultural Studies.</td>
</tr>
<tr>
<td>III. Curriculum for Contemporary Literature Course Requirements</td>
<td>B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma.</td>
</tr>
<tr>
<td>A. Students must complete satisfactorily ENG 5013 – Bibliography and Methods of Research.</td>
<td>C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university.</td>
</tr>
<tr>
<td>B. Every student must complete satisfactorily a course in six of the following areas of study in his or her graduate program:</td>
<td>NOTE: The student should start early in the program to satisfy this requirement.</td>
</tr>
<tr>
<td>IV. Final Examination for Contemporary Literature</td>
<td>V. Thesis or Non-thesis Programs for Contemporary Literature</td>
</tr>
<tr>
<td>Students may elect to take the thesis or non-thesis program.</td>
<td>A. Thesis Students</td>
</tr>
<tr>
<td>The examination will be a two-hour oral. Part of the examination will deal with the critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis. Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.</td>
<td></td>
</tr>
</tbody>
</table>
Program: English–Creative Writing  
Degree: Master of Arts (M.A.)

B. Non-thesis Students
Non-thesis students will take a 4- to 6-hour written examination. The examination will evaluate the student’s ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.

C. Re-examination:
In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.

Creative Writing Option
This option requires that the student take half of his or her courses in areas that cover historical literary periods and half in writing.

I. Admission Requirements for the MA in English: Creative Writing Option
Students pursuing the Creative Writing Option must fulfill the following requirements before they will be formally admitted to the program:
A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Meet the GPA requirement of 2.50 overall, or 2.50 in the last 60 hours attempted.

C. Have completed 24 undergraduate hours of English Language and Literature above the freshman undergraduate level with a GPA of 2.75 or higher. Any student not meeting this requirement will be admitted as a NON-DEGREE SEEKING STUDENT. The student may take additional coursework or retake courses in order to obtain the required GPA in this area.

D. Submit a writing sample (about 20 pages) of a single project during the first semester of enrollment.

E. Complete all prerequisites, if any, as determined by the graduate advisor.

II. Advisement for Creative Writing
The advisement of graduate students in the Master of Arts in English option in Creative Writing is the responsibility of the Graduate English Faculty. During or before the student’s first semester, the Director of Graduate English Studies will advise the student. After completion of eight graduate semester hours, the student will select a Graduate Advisory Committee consisting of a chairperson and two other faculty members.

III. Curriculum for Creative Writing
Course Requirements
A. Students must complete satisfactorily CSDY 5823—Literary Criticism for Creative Writers.

B. Every student must complete satisfactorily a course in five of the following areas of study in his or her graduate program:
   1. Pre 16th-century Literature
   2. 16th-century Literature
   3. 17th-century Literature
   4. 18th-century Literature
   5. 19th-century Literature
   6. American Literature to 1900
   7. 20th-century Literature

C. Students must take at least two applied writing courses at the University of Central Oklahoma in the genre of their thesis.

D. Approved graduate electives must total a minimum of 32 graduate hours.

IV. Foreign Lang. Requirement for Creative Writing
Students may satisfy the foreign language requirement in one of the following ways:
A. Complete six hours of undergraduate foreign language with a grade of “B” or better. These hours will not count toward the MA degree.

B. Complete six hours of literature in translation. These courses in translation will generally also fulfill one of the literary period requirements.

C. Requests to satisfy the language requirement through summer travel workshops will be evaluated on an individual basis.

V. Thesis for Creative Writing
Four hours of thesis work are required with the stipulation that the last hour of thesis be taken during the semester of graduation. The thesis is a book-length manuscript, ideally of publishable quality, such as a novel, full-length play or screenplay, book of poetry, or collection of short stories.

The thesis committee will consist of the thesis director and two or possibly three other committee members. The Director and at least one other committee member must hold the Ph.D.

Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

VI. Final Examination for Creative Writing
The thesis must be defended in a one-hour oral examination. Students should also demonstrate familiarity with contemporary writing in the area of the thesis.
Teaching English as a Second Language (TESL) Option

The TESL option is an interdisciplinary program that incorporates course work from the College of Education and the College of Liberal Arts.

I. Admission Requirements for the MA in English: Teaching English as a Second Language (TESL) Option

Students seeking an MA in English TESL Option must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Meet the GPA requirement of 2.50 overall, or 2.50 in the last 60 hours attempted.

C. Have completed 15 undergraduate hours of English language and literature. If applicants have not completed 15 undergraduate hours of English, they will be required to take additional hours of English courses at UCO to meet the requirement.

D. Complete all prerequisites, if any, as determined by the graduate advisor.

II. Advisement for TESL

The advisement of graduate students in the Master of Arts in English option in TESL is the responsibility of the Graduate English Faculty. During or before the student’s first semester, the Director of Graduate English Studies will advise the student. After completion of eight graduate semester hours, the student will select a Graduate Advisory Committee consisting of a chairperson and two other faculty members.

III. Curriculum for TESL

Course Requirements

A. Students must complete satisfactorily either:
   - PTE 5013 Foundations of Educational Research
   - ENG 5013 Bibliography and Methods of Research.

B. Students must complete satisfactorily:
   - TESL 5313 Testing and Evaluation in Bilingual and TESL Classrooms
   - ENG 5413 TESL Grammar
   - TESL 5763 Second Language Acquisition
   - TESL 5783 Teaching Eng. as a Second Language.

C. Students must complete satisfactorily one course in literature before 1900.

D. Students must complete satisfactorily one course in literature since 1900.

E. Students must complete satisfactorily one course in the area of linguistics.

F. At least 20 of the 32 required graduate hours must be in graduate English courses. A maximum of four hours of thesis credit may be included in the 32 required hours.

G. Approved graduate electives must total a minimum of 32 hours.

IV. Foreign Language Requirement for TESL

Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:

A. Make a passing grade on a foreign language reading examination to be administered by the Department of Modern Languages, Literatures, and Cultural Studies.

B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. (These six hours will not count toward the MA degree.)

C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university. (These six hours will not count toward the MA degree.)

D. English fulfills the foreign language requirement for non-native speakers of English.

NOTE: The student should start early in the program to satisfy this requirement.

V. Thesis or Non-thesis Programs for TESL

Students may elect to take the thesis or non-thesis program.

VI. Final Examination for TESL

A. Thesis Students

The examination will be a two-hour oral. Part of the examination will deal with critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis.

Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

B. Non-thesis Students

Non-thesis students will take a 4- to 6-hour written examination. The examination will evaluate the student’s ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.

C. Re-examination:

In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.
Traditional Studies Option

I. Admission Requirements for the M.A. in English: Traditional Studies Option

Students seeking an MA in English Traditional Studies Option must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Meet the GPA requirement of 2.50 overall, or 2.50 in the last 60 hours attempted.

C. Have completed 24 undergraduate hours of English language and literature above the freshman level with a GPA of 2.75 or higher. Any student not meeting this requirement will be admitted as NON-DEGREE SEEKING STUDENT. The student may take additional undergraduate course work or retake courses in order to obtain the required GPA in this area.

D. Complete all prerequisites, if any, as determined by the graduate advisor.

II. Advisement for Traditional Studies

The advisement of graduate students in the Master of Arts in English option in Traditional Studies is the responsibility of the Graduate English Faculty. During or before the student’s first semester, the Director of Graduate English Studies will advise the student. After completion of eight graduate semester hours, the student will select a Graduate Advisory Committee consisting of a chairperson and two other faculty members.

III. Curriculum for Traditional Studies

Course Requirements

A. Students must complete satisfactorily ENG 5013 Bibliography and Methods of Research.

B. Every student must complete satisfactorily a course in six of the following areas of study in his or her graduate program:
   1. British Literature of the Elizabethan Age or before
   2. British Literature of the 17th century
   3. British Literature of the 18th century
   4. British Literature of the 19th century
   5. American Literature to 1900
   6. Contemporary British or American Literature
   7. Composition and Rhetoric

This requirement may be satisfied with an author course, a period course, or a genre course if it is restricted to the age indicated. The student’s Advisory Committee will evaluate the student’s transcript and indicate what courses the student must take.

C. At least 24 of the 32 graduate hours required for the MA English degree must be in graduate English courses.

D. Complete all prerequisites, if any, as determined by the graduate advisor.

Students may take up to eight hours outside the department with the approval of the Advisory Committee. A maximum of four hours of thesis credit may be included in the 32 required hours.

D. Approved graduate electives must total a minimum of 32 graduate hours.

IV. Foreign Language Requirement for Traditional Studies

Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:

A. Make a passing grade on a foreign language reading examination to be administered by the Department of Modern Languages, Literatures, and Cultural Studies.

B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University Of Central Oklahoma.

C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university.

NOTE: The student should start early in the program to satisfy this requirement.

V. Thesis or Non-thesis Programs for Traditional Studies

Students may elect to take the thesis or non-thesis program.

VI. Final Examination for Traditional Studies

A. Thesis Students

The examination will be a two-hour oral. Part of the examination will deal with critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis.

Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

B. Non-thesis Students

Non-thesis students will take a 4- to 6-hour written examination. The examination will evaluate the student’s ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.

C. Re-examination:

In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.
I. Admission Requirements for the M.A. in History Program:

   Students seeking a M.A. in History must hold a bachelor’s degree from an accredited college or university with at least 18 hours of history with a grade point average of 3.00. In addition, applicants must fulfill the following requirements before they will be formally admitted to the program.

   A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

   Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

   B. Meet the GPA requirement of 2.75 overall, and 3.00 in the last 60 hours attempted.

   C. Complete HIST 3113 Historical Research or be able to demonstrate research ability as determined by the Director of Graduate Studies (Graduate Advisor) and the Chair of the Department of History and Geography.

   D. Applicants to the Master of Arts in History - Social Studies Teaching must supply the Jackson College of Graduate Studies & Research with documentation showing possession of a current Oklahoma Standard Teaching Certificate or License.

   E. Meet with the Graduate Advisor who will complete a "Recommendation for Admission to the Jackson College of Graduate Studies and Research" form for qualified students. Upon receipt of the completed, signed recommendation form, the JCGS&R will admit the student for graduate studies.

   F. The student and the Graduate Advisor will work out a formal plan of study during the student’s first semester of graduate work. A signed, completed copy of the plan of study must be filed with the advisor and the JCGS&R before completion of the first semester.

   G. Complete all prerequisites, if any, as determined by the graduate advisor.

II. Advisement

   An Advisory Committee of three faculty members will be appointed to direct the program of each student. One member of the Advisory Committee will serve as chairperson and will assume the major responsibility for advising the student. The Advisory Committee for students for the Master of Arts in History - Social Studies Teaching will include three members from the content areas and one member from the College of Education. The Advisory Committee must be appointed before the second semester of enrollment.

   The department’s Director of Graduate Studies will maintain all student records and will serve as an advisor in supervising the student’s progress toward a degree.

III. M.A. in History Curriculum 33 hrs

   A. Master of Arts in History

      1. Core Courses 6 hrs
         - HIST 5013 Historiography 3 hrs
         - HIST 5913 Research Seminar in History 3 hrs

      Note: HIST 5913 is a number used for three types of courses. “HIST 5913 Res.” designates research seminars, which require production of a paper based on original research and significant use of primary sources. “HIST 5913 Rdg.” designates readings seminars, which involve reading and discussion. Both HIST 5913 Res. and HIST 5913 Rdg. courses are graduate-only courses. “HIST 5913 Top.” designates a topics course that will be cross-listed with an undergraduate topics course.

      2. Additional Requirements
         a. At least one course must be taken in each of the following categories of history:
            1. United States History
            2. European History
            3. Asian, Latin American, and/or Middle Eastern History

         b. It is recommended that each student will take at least 12 hours in one category of history and 6 hours in a second category of history. The student’s advisory committee will provide direction in the categories of courses on which the student may focus to achieve expertise and depth.

         c. At least 12 credit hours must be earned in courses taught only at the 5000-level (i.e. courses not cross-listed with 4000-level courses). The core courses (HIST 5013 Historiography and HIST 5913 Res.) will count toward these 12 hours. Likewise, HIST 5913 Res. will count toward these 12 hours.

         d. Each student must complete additional courses in history and/or other related areas, approved by the student’s advisory committee, to complete a total of 33 hours.
**Program:** History  
**Degree:** Master of Arts (M.A.)  
**College:** Liberal Arts

### B. Master of Arts in History - Museum Studies 18 hrs

1. **Core Courses**
   - HIST 5013 Historiography 3 hrs
   - HIST 5913 Seminar in History 3 hrs
   - HIST 5523 Museum Management 3 hrs
   - HIST 5623 Museum Theory & Practice 3 hrs
   - HIST 5950 Internship 6 hrs
   
   The internship will be under the supervision of the Director of Museum Studies, who has a set of guidelines to be followed with each internship. It may be taken in one semester or split over two semesters.

2. **Additional Requirements**
   - Any graduate history courses 6 hrs
   - Electives in history or other courses 9 hrs
   
   These courses must be approved by the student’s advisory committee and may include thesis hours.

### C. Master of Arts in History - Social Studies Teaching

1. United States History 6 hrs
2. World History 6 hrs
3. Geography 6 hrs
4. Political Science 3 hrs
5. Political Science, Economics, or Sociology 3 hrs
6. Education 5-9 hrs

   The 5-9 hours in Teacher Education must be selected from the following:
   - PTE 5012 Found. of Educational Research 3 hrs
   - PTE 5963 Materials and Methods in Middle School Teaching 0-3 hrs
   
   (This course is required only if PTE 4963 Materials and Methods in Middle School Teaching has not already been taken for undergraduate credit.)

   One of the following 2-3 hrs
   - PTE 5112 Modern Philosophy of Education
   - PTE 5142 History of Education
   - PTE 5172 Educational Sociology

7. Additional Electives in Social Studies content areas, 0-4 hrs. If additional hours are needed to total 33 hours, additional hours may be taken from areas 1-5 listed above.

8. Portfolio. A portfolio is required. It will include select samples of the student’s work in both the content and education classes. A copy of the portfolio guidelines will be provided by the Graduate Advisor in the Department of History and Geography when the student is admitted to the program.

9. Seminars. A minimum of 6 hours of the Social Studies courses must be seminars.

### D. Thesis Option

Students for the General History and Museum Studies option may submit a thesis as part of their work. (The Social Studies Teaching option is strictly non-thesis.) The faculty member who directs the thesis will also serve as the Chair of the student’s Advisory Committee.

Each student who writes a thesis will be required to take an oral examination of about two hours. One hour will be devoted to the defense of the thesis, and the other hour to an examination of the student’s graduate course work.

Any graduate student entering in the Fall, 2001 semester and thereafter who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the College of Graduate Studies and Research will be present at the defense.

Students who choose to write a thesis must enroll in HIST 5990 - Thesis for a total of six hours.

In addition, the Advisory Committee may require the candidate to have a reading knowledge of a foreign language or other research tool which they believe essential for the completion of the thesis. The committee will strongly advise all students who plan to continue their graduate studies on the doctoral level to have at least one foreign language.

### E. Final Examinations

Final examinations are required of all students. In each case, the student’s Advisory Committee will serve as the Examining Committee.

Non-thesis students for the General History and Museum Studies option will take written examinations prepared by their advisory committees. These students will also take an oral examination of one to two hours defending the written exam and covering their graduate course work.

Students in the Social Studies Teaching option will take oral examinations. Each exam will be from one to two hours and will cover the graduate work taken by the student.
Political Science (M.A.)

The Master of Arts in Political Science is a flexible, yet comprehensive program designed to provide students with advanced preparation in political science and, depending on the program, in related fields in the social sciences. Options are offered in International Affairs, Public Affairs, and General Political Science. The General and International Affairs options can be undertaken during the day or evening, while the Public Affairs option is expressly designed as an evening program for working adults.

Political Science Graduate Advisor—Dr. Jan Hardt, 974-5840, FAX: 405-974-3823 Email: jhardt@ucok.edu Department of Political Science, 100 N. University Drive, Campus Box 182, UCO, Edmond, OK 73034-5209

I. Admission Requirements for the M.A. in Political Science Program:

Students seeking an M.A. in Political Science must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Meet the GPA requirement of 2.75 overall, or 3.00 in the last 60 hours attempted.

C. Meet with the graduate advisor, who will complete a "Recommendation for Admission to the College of Graduate Studies and Research" form for qualified students. Upon receipt of the completed recommendation form, the JCGS&R will admit the student for graduate studies.

D. The student and the graduate advisor will work out a formal plan of study during the student’s first semester of graduate work. A signed, completed copy of this plan of study must be filed with the advisor and the JCGS&R before completion of the first semester.

E. Complete all prerequisites, if any, as determined by the graduate advisor.

F. Complete 18 hours of undergraduate Political Science courses and/or related social science disciplines. The suitability of courses other than political science is decided by the advisor.

G. Produce evidence of achievement of a minimum combined score of no less than 900 on the verbal and quantitative sections and 3.5 on the Writing Assessment portion of the Graduate Record Examination (GRE). For more information on the GRE exam, contact Prometric Testing Center, 2224 N. W. 50th St., Oklahoma City, OK 73112, (405) 843-8378 or visit www.gre.com on-line.

H. Students may also be admitted as a conditional admission student. See page 19 for Admission - Conditional Status Criteria.

II. Advisement

The Chairperson of the department will assign an advisor from among the graduate faculty of the Political Science department to advise the student during the course of his/her graduate study. Other members of the faculty may be called upon as needed.

III. M.A. in Political Science 36 hrs

Students must complete a minimum of 36 semester hours of graduate-level work, including a minimum of 18 hours in political science. Students may take course work in other disciplines as appropriate to their individual interests and program of study. In completing the required 36 graduate hours, students must satisfy the requirements for the Common Core, Research Component, and Option of their choice as indicated below.

A. Common Core 12 hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5023</td>
<td>Scope of the Discipline</td>
</tr>
<tr>
<td>POL 5033</td>
<td>Research Methods</td>
</tr>
<tr>
<td>POL 5153</td>
<td>American Politics</td>
</tr>
<tr>
<td>POL 5813</td>
<td>Political Philosophy</td>
</tr>
</tbody>
</table>

B. Research Component 6 hrs

The student will fulfill the following requirement, in consultation with the faculty advisor:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5990</td>
<td>Thesis</td>
</tr>
</tbody>
</table>

The thesis must be publicly defended at a time arranged by the chair of the student’s thesis committee.

C. Subject Area Competency Examination Component

The student will pass a Subject Area Competency Examination in one of the following subject areas:

American Government
International Relations
Comparative Government
Public Administration
Public Law

Examinations will be established on a schedule determined by the Graduate Advisor. Students may re-take an exam only once and only upon approval by the Graduate Advisor.

General Political Science Option

This option is designed to enable students to achieve competence in the professional practice of political science -- teaching, research, and related activities -- through a program of study in which they acquire appropriate analytical skills, a general knowledge of the discipline, and more specific knowledge of selected subfields.
Program: **Political Science**  
Degree: Master of Arts (M.A.)  
College: Liberal Arts

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two of the following:</td>
<td></td>
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<tr>
<td>POL 5223 The Presidency</td>
<td></td>
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<tr>
<td>POL 5253 The Congress</td>
<td></td>
</tr>
<tr>
<td>POL 5263 Judicial Process</td>
<td></td>
</tr>
<tr>
<td>POL 5603 Theories of International Relations</td>
<td></td>
</tr>
<tr>
<td>POL 5703 Theories of Comparative Politics</td>
<td></td>
</tr>
<tr>
<td>POL 5913 Seminar in Political Science</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>12 hrs</th>
</tr>
</thead>
</table>

**International Affairs Option**

This option is designed for students who desire to focus their graduate study in international and comparative politics. Students may choose to concentrate in either international political economy or foreign policy and security studies.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5603 Theories of International Relations</td>
<td></td>
</tr>
<tr>
<td>POL 5703 Theories of Comparative Politics</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>12 hrs</th>
</tr>
</thead>
</table>

**Public Affairs Option**

The curriculum for this option is intended to provide students a foundation in public policy, with a particular emphasis on the urban context. Students may choose from courses in political science or related disciplines to pursue areas of interest within the broader field of urban affairs.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>6 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5193 Public Finance and Municipal Budget</td>
<td></td>
</tr>
<tr>
<td>POL 5413 Public Policy Analysis</td>
<td></td>
</tr>
</tbody>
</table>

| Electives | 12 hrs |
International Studies Program

The International Studies Program is not a departmental major which leads to a degree, but is an interdisciplinary program intended to complement a major, and can be taken in conjunction with any degree program. It includes courses having international content which are offered by various departments, such as history, political science, geography, foreign languages, economics, humanities, business, education, and others.

The International Studies Program is designed for students who wish to learn about foreign countries and cultures, as well as relations among nations. The program is helpful to students who wish to apply the skills learned in their master’s program in a foreign setting, such as:

1. Business majors who want to work for companies having international operations.
2. Education majors who wish to teach abroad.
3. Journalism majors who want to report on happenings in other countries.
4. Military science students who, as officers, may be given major assignments or become involved in defense planning.
5. Other majors who wish to broaden their knowledge to include international affairs.

The Graduate International Studies Program consists of 12 hours of graduate courses with significant international content including two one-hour International Studies Program workshops. The student must demonstrate a proficiency in two United Nations approved languages. Completion of the program is recognized on the student’s transcript upon graduation by a statement indicating the area of specialization.

For further information, contact:
Dr. Jeffrey Plaks, Program Director
LA Room 204A
Department of History and Geography
jplaks@ucok.edu
College of Mathematics and Science
Applied Mathematical Science (M.S.)

The Master of Science Degree in Applied Mathematical Sciences at the University of Central Oklahoma is designed to prepare students to meet the demands of industry, business, and government for individuals with expertise in the applications of the mathematical sciences. While ensuring sound mathematical training, the degree program concentrates on the development of widely applicable intellectual skills and provides experience with concrete problems. It requires students, depending upon their interests, to select an area of concentration from four options:

- Mathematics
- Computer Science
- Statistics
- Mathematics Teaching

The primary objectives of the Master of Science Degree in Applied Mathematical Sciences are:

1. To provide students with the skills necessary for successful competition in the job market areas of applied mathematical sciences.
2. To help meet the growing demands of business and society in the area of applied mathematical science.
3. To provide students with a proper foundation for a continuing education in applied mathematical sciences.
4. To provide preparation for teachers of the mathematical sciences in a setting that is applications-oriented.

I. Admission Requirements – Applied Mathematics

Applicants for this graduate program must have either an undergraduate degree in the discipline or sufficient course work in the field to provide the background required. Additional prerequisites may be required by the program. Students seeking an M.S. in Applied Mathematical Sciences must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Achieve a minimum grade point average of 3.00 overall, and a 3.00 in the last 60 hours of courses attempted.

C. Exhibit proficiency in one algorithmic computer language.

D. Complete a minimum of three (3) semester hours of English Composition in residence at an accredited college or university in a predominantly English-speaking country.

E. Complete all prerequisite courses for the program:
   1. Core requirements for all options:
      - Matrix Algebra or Linear Algebra
      - Differential Equations
      - Numerical Analysis I
      - Analysis 1 or Advanced Calculus 1
      - Mathematical Statistics I

   2. Additional prerequisites—Computer Science option
      - Discrete Mathematics
      - Programming I and II
      - Assembly Language
      - Data Structures

   3. Additional Prerequisites—Statistics option
      - Statistical Methods I

Prerequisites are regarded as deficiencies and will not be counted as part of the 36 graduate hours required for the M.S. Degree. Prospective candidates for the M.S. in Applied Mathematical Sciences who do not meet the above requirements may be admitted to the Jackson College of Graduate Studies & Research as Non-Degree Candidates.

Transfer students will be required to present a letter from their previous school or university showing the student was in good academic standing at the time he or she left that university.

If it is unclear from a student's transcripts and supporting documentation whether a prerequisite has been met, the student may be required by the graduate advisor to either pass an examination or obtain a minimum grade of “B” (3.00) in a designated course(s) at UCO.

II. Advisement

The Graduate Advisor in the Department of Mathematics and Statistics will advise students interested in obtaining the Master of Science in Applied Mathematical Sciences. As early as feasible, three members from the Department of Mathematics and Statistics and the Department of Computer Science will be appointed to serve as an Advisory Committee. The requests of the student will be given consideration in the selection of the Advisory Committee. One member of the Committee will serve as chairperson, and will assume the major responsibility of advising the student.

III. Applied Mathematical Sciences Curriculum 36 hrs

A. Core Requirements 9 hrs
   - MATH 5113 Operations Research I
   - STAT 5123 Mathematical Statistics II
   - MATH 5143 Advanced Calculus for Applications I

B. Additional Core Requirements 12 hrs
   1. Mathematics Option
      - MATH 5153 Advanced Calculus for Applications II
      - MATH 5183 Numerical Analysis II
      - MATH 5453 Mathematical Modeling
      - Electives 12 hrs
         Chosen from Mathematics and Statistics courses
         - Research 3 hrs
            MATH 5853 Introduction to Research
            Project, Thesis or Additional Coursework 3 hrs
            MATH 5853 Introduction to Research
            MATH 5980 Graduate Project or
            MATH 5990 Graduate Thesis or
            an additional MATH or STAT course
### Program: Applied Mathematical Science

**Degree:** Master of Science (M.S.)

<table>
<thead>
<tr>
<th>College: Mathematics and Science</th>
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</table>

2. **Computer Science Option**
- CMSC 5023 Programming Languages
- CMSC 5063 Networks
- * CMSC 5910 File Structures

Electives 12 hrs

Must include 6 hours of Computer Science and 6 hours of Mathematics

Research 3 hrs
- MATH 5853 Introduction to Research
- Project, Thesis or Additional Coursework 3 hrs
- MATH 5980 Graduate Project or
- MATH 5990 Graduate Thesis or
  - an additional MATH or STAT course

3. **Statistics Option**
- STAT 5103 Statistical Methods II
- STAT 5213 Statistical Methods III
- STAT 5353 Probability Theory

Electives 12 hrs

Research 3 hrs
- MATH 5853 Introduction to Research
- Project, Thesis or Additional Coursework 3 hrs
- MATH 5980 Graduate Project or
- MATH 5990 Graduate Thesis or
  - an additional MATH or STAT course

*Currently taught as Seminar Courses

4. **Mathematics Teaching Option**
- MATH 5103 The Real Number System
- MATH 5203 Foundations of Mathematics
- MATH 5433 Theory of Functions OR
- MATH 5453 Mathematical Modeling

Electives 12 hrs

Research 3 hrs
- MATH 5853 Introduction to Research
- Project, Thesis or Additional Coursework 3 hrs
- MATH 5980 Graduate Project or
- MATH 5990 Graduate Thesis or
  - an Additional MATH or STAT course

Enrollment in Math 5980 (project) and Math 5990 (thesis) will be limited to those candidates who have excelled in Math 5853 (Introduction to Research) and who have the approval of the Graduate Advisor and the candidate’s advisory committee. A member of the candidate’s advisory committee will direct the thesis or project. A maximum of three hours of credit will count towards the degree upon acceptance of the project/thesis by the student’s advisory committee.

Any graduate student entering in the Fall, 2001 semester and thereafter who elects to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

**B. Final Examinations**

Each candidate is required to take a written examination of four hours over his/her graduate course work with the approval of the advisory committee. If the examining committee should find the candidate’s performance on the comprehensive examination unsatisfactory, the candidate may petition the Director of Graduate Studies to be re-examined. Request for re-examination will not be granted more than one time.
Program: Biology
Degree: Master of Science (M.S.)

Biology (M.S.)

The Master of Science in Biology program provides students with breadth and depth of training in Biology beyond that provided by the baccalaureate degree. Students may select either the Field/Laboratory or Literature Thesis options. Both options provide students with a capstone experience consisting of a thesis that addresses scientific question, objectives, or hypotheses using the scientific method.

Students seeking an M.S. in Biology must fulfill the following requirements before they will be formally admitted to the program.

Applicants for this graduate program must have either an undergraduate degree in the discipline or sufficient coursework in the field to provide the background required. Additional prerequisites may be required by the program.

I. Admission Requirements for the M.S. in Biology:
A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404 NUC. See page 19.
Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.
B. A 2.50 or higher GPA in all undergraduate hours attempted and a 3.00 or higher GPA in the last 60 undergraduate hours attempted.
C. Satisfactory completion of 18 hours of Biology and 10 hours of Chemistry.
D. A completed application form.
E. Two letters of reference from individuals acquainted with the applicant's academic record or employment record.
F. Scores on the General Test of the Graduate Record Examination (GRE) of at least 1000 (combined Verbal and Quantitative).
G. Written acceptance by a Graduate Faculty member of the Department of Biology willing to serve as major advisor.
H. Written acceptance for admission by the Graduate Committee.

II. Requirements in the First Year of the Biology MS Program
Students seeking an M.S. in Biology must fulfill the following requirements before they complete the first year of the program:
A. Take the advisory exam in Biology.
B. Select a thesis committee, consisting of at least three Graduate Faculty members in the Biology Department.
C. Submit a formal plan of study. A copy of this plan of study, signed by the student and the thesis committee, must be filed with the department and the Jackson College of Graduate Studies & Research no later than the end of the first academic year of enrollment.

III. Graduate Course Work 26-30 hrs
A. Prerequisites: Complete with a minimum grade of “C.” College Algebra, Organic Chemistry, one course in Physics. Additional prerequisites, as determined by the thesis committee, and as described in the plan of study, must be completed with a minimum grade of “C.”
B. BIO 5012 Introduction to Biology Research
C. To ensure that students are broadly educated in biology, each student must have satisfactorily completed (during either their undergraduate or graduate work) at least one 3000, 4000, or 5000 level course in each of the following core areas: Plant Biology, Animal Biology, Microbiology, Cellular Biology, Genetics, and Environmental Biology. The plan of study should be designed based on this requirement and the student’s academic record.
D. Students should complete all graduate course work with a minimum GPA of 3.00.

IV. Degree Options
A. Thesis (Field/Laboratory Option) 6 hrs
This option is based on research that addresses questions, objectives, or hypotheses using original research in the field or laboratory. A maximum of six semester hours will count toward the degree upon acceptance of the thesis by the student’s Advisory Committee.

B. Thesis (Literature Option) 2 hrs
This option is based on research that addresses questions, objectives, or hypotheses using data from the literature. A maximum of two semester hours will count toward the degree upon acceptance of the thesis by the student’s thesis committee.

NOTE: Any graduate student entering in the Fall, 2001 semester and thereafter who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies & Research will be present at the defense.

V. Comprehensive Examination
A. Each student is required to pass a final written examination which will test the candidate’s proficiency in each of the areas listed under III. C. above.
B. Each student is required to make an oral presentation of the thesis to the Faculty.
C. Each student is required to pass an oral examination over the thesis, to be administered by the student’s thesis committee.

NOTE: In the event of an unsatisfactory performance on any of these examinations, the candidate may petition to be re-examined during the graduate exam period of the following semester. Re-examination, except in extraordinary circumstances, will be allowed only once.
Engineering Physics (M.S.)

The Department of Physics & Engineering offers graduate study leading to the Master of Science in Engineering Physics (MSEP). As technology advances, the boundaries between traditional physics and other academic disciplines blur. As a result, new and exciting opportunities are appearing for the application of physics to problems outside of traditional physics. The MSEP program is designed so that its graduates can pursue careers in diverse interdisciplinary fields in industry and technology. The program also provides advanced study in applied physics for traditional students and those intending to pursue the Ph.D. in Physics and Engineering.

The MSEP program requires 32 semester credit hours beyond the BS degree, and for well prepared students, can be completed in about two years. Course work in the core fields of physics is required of all students. Additional advanced courses are chosen with the guidance of the student’s Advisory Committee. Students generally choose their research advisors by the end of their first year of graduate study.

The MSEP program encourages students to select elective courses from disciplines other than engineering and physics, such as chemistry, computing science, mathematics, business, and management. This enables students to tailor programs of study according to their particular interests and situations. The majority of course offerings for the MSEP are scheduled in the evening for the convenience of working students.

Students may write a thesis in fulfillment of requirements or by completing formal class work alone in the non-thesis option. The MS thesis must be defended in a final oral presentation.

I. Admission Requirements for the M.S. in Engineering Physics Program

Students seeking an M.S. in Engineering Physics must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the College of Graduate Studies & Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the College of Graduate Studies & Research who does not meet the program admission standards.

B. Achieve a minimum grade point average of 3.00 overall, and a 3.00 in the last 60 hours of courses attempted.

C. Complete all prerequisites, if any, as determined by the graduate advisor. Transcripts must indicate credit in at least 24 hours of physics, or the equivalent, and mathematics through Differential Equations. Students with deficiencies will be advised to complete 3000 and 4000-level courses in physics and engineering as preparation for the 5000-level courses.

E. Transfer students will be required to present a letter from their previous school or university showing the student was in good academic standing at the time he or she left that university.

II. Engineering Physics Curriculum 32 hrs

Requirements for the MS Degree in Engineering Physics include the completion of 32 credit hours of graduate-level courses beyond the B.S. degree. The student may select either the non-thesis option or the thesis option. The thesis option requires the submission and public defense of an acceptable thesis based on independent research activities.

A. Core Courses 21 hrs

The following core courses must be completed:

- PHY 5013 Mathematical Physics II
- PHY 5443 Quantum Mechanics

To complete the core requirements, at least four of the following courses must also be completed:

- ENGR 5023 Thermal Science
- ENGR 5163 Engineering Optics
- ENGR 5443 Fluid Dynamics
- ENGR 5613 Photonics
- ENGR 5990 Thesis
- PHY 5033 Nuclear Physics
- PHY 5043 Solid State Physics
- PHY 5063 Analytical Mechanics
- PHY 5083 Electromagnetic Radiation
- PHY 5103 Classical Mechanics with Applications
- PHY 5203 Applied Electrodynamics
- PHY 5990 Thesis

ENGR 5990 and PHY 5990 may only be taken by students electing the thesis option and may comprise up to a maximum of six semester hours.

B. Electives to total 32 hours 11 hrs

All electives must be approved by the student’s advisement committee and selected from graduate-level courses in physics, engineering, mathematics, computer science, chemistry, business, management, or related fields as approved by the student’s advisement committee.

III. Thesis Option

The focus of the MSEP program is a thesis based on research conducted under the supervision of a faculty advisor. While a non-thesis degree option is available, students are strongly encouraged to choose the thesis option.

Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense. See thesis format and submission requirements in this catalog.
Graduate Catalog, 2004-2005

Program: Forensic Science
Degree: Master of Science (M.S.)

Forensic Science (M.S.)

Admission to the program is restricted to Fall semesters only.

The M.S. in Forensic Sciences is a program designed to provide graduate education for existing or future law enforcement personnel, forensic laboratory analysts and forensic nursing professionals. The program offers options in Technical Investigations, Criminalistics and Nursing. The Technical Investigations option is designed for those individuals who have a background or an interest in some aspect of law enforcement which involves crime scene investigation. The Criminalistics option is intended for those interested in or involved in analyzing evidence and will require a strong background or major in the physical or natural sciences. The Nursing option is designed for registered nurses who hold a bachelor’s degree in nursing or a related field, and who wish to pursue a forensics career.

Enrollment in the MS in Forensic Sciences program is limited. To be considered for admission to the program for the Fall Semester, the completed application must be received in the Graduate Office no later than the last working day of the third week of the preceding March. The documentation must contain the Application for Admission to Graduate Studies, official transcripts, satisfactory GRE scores, and two letters of recommendation from faculty who can evaluate academic potential.

I. Admission Requirements for the M.S. in Forensic Sciences Program:

Applicants for this graduate program must have either an undergraduate degree in the discipline or sufficient course work in the field to provide the background required. Additional prerequisites may be required by the program.

Students seeking an M.S. in Forensic Sciences must fulfill the following requirements before they will be formally admitted to the program:
A. Apply for admission to the Jackson College of Graduate Studies and Research, Room 404, NUC. See page 19.

Note: No student will be admitted to this program or to the College of Graduate Studies & Research who does not meet the program admission standards.

B. Attain a GPA of 2.75 or higher in all undergraduate hours attempted or have earned a Master’s degree from an accredited institution.

C. Attain a combined score of 1000 on any two of the three GRE subscales. The score on the analytical writing section will be converted according to the following formula and example:
(Reported Score X 100) + 200 = Converted Score e.g. (3.5 X 100) + 200 = 550

D. Complete all prerequisites, if any, as determined by the graduate advisor. Prerequisites must be completed during the first year, and grades earned in these prerequisite courses will be included in the undergraduate GPA considered for admission to the program.

E. Transfer students will be required to present a letter from their previous school or university showing the student was in good academic standing at the time he or she left that university.

II. Advisement

The Director of the program in concert with the program’s Academic Advisement Committee will assign an advisor from among the graduate faculty from the appropriate department. The advisor will develop the plan of study and advise the graduate student during the course of his/her graduate studies. The Plan of Study must be filed with the Jackson College of Graduate Studies and Research by the end of the first semester.

III. M.S. in Forensic Sciences Curriculum 34 hrs

Students must complete a minimum of 34 hours of graduate level work, including a core of 13 hours and a minimum of 21 additional hours in one of the options.

A. Core Courses 13 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 5313</td>
<td>Ethics and Testimony</td>
</tr>
<tr>
<td>POL 5323</td>
<td>The Constitution &amp; Criminal Procedure</td>
</tr>
<tr>
<td>FRSC 5143</td>
<td>Crime Scene Investigation &amp; Reconstruction</td>
</tr>
<tr>
<td>FRSC 5102</td>
<td>Physical Aspects of Forensic Science</td>
</tr>
<tr>
<td>FRSC 5202</td>
<td>Biological Aspects of Forensic Science</td>
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B. Option Requirements 21 hrs

1. Criminalistics

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<th>Course Code</th>
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<tr>
<td>FRSC 5112</td>
<td>Physical Aspects of Forensic Science Laboratory</td>
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<td>FRSC 5323</td>
<td>Forensic Toxicology and Laboratory</td>
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<tr>
<td>FRSC 5313</td>
<td>Death Investigation</td>
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<td>FRSC 5333</td>
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<tr>
<td>BIO 5743</td>
<td>Molecular and Population Genetics</td>
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<tr>
<td>FRSC 5992-4</td>
<td>Thesis OR</td>
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<td>FRSC 5902-4</td>
<td>Practicum in Forensic Science</td>
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Elective Courses to a minimum of 34 hrs

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<tr>
<td>BIO 5443</td>
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<td>BIO 5723</td>
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<td>CHEM 5253</td>
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<tr>
<td>CHEM 5103</td>
<td>Biochemistry II</td>
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<td>2. Technical Investigations</td>
<td>14-16 hrs</td>
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<td><strong>Required courses</strong></td>
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<tr>
<td>CJ 5323 Victimology</td>
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<td>FRSC 5313 Death Investigation</td>
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<tr>
<td>FRSC 5413 Bloodstain Pattern Analysis I</td>
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<tr>
<td>JOUR 5413 Techniques of Forensic Photography</td>
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<td>FRSC 5992-4 Thesis OR</td>
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<tr>
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Any course(s) from the Criminalistics or Nursing Options for which prerequisites have been met.

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<th>3. Nursing</th>
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<td>NURS 5513 Psychiatric Forensic Nursing</td>
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<td>FRSC 5903 Practicum in Clinical Forensics</td>
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| C. Comprehensive Examination | |
|-------------------------------||
| Each candidate is required to take a two-part written examination. The first part will cover the core courses and the second part will cover the required and elective courses in his/her option. If the examining committee should find the candidate’s performance on the comprehensive examination is unsatisfactory, the candidate may petition the director of the Forensic Sciences program to be re-examined. Requests for re-examination will not be granted more than one time. | |
| Graduate students who elect or are required to submit a thesis must each publicly defend the thesis before the student will be allowed to graduate. A representative of the College of Graduate Studies and Research will be present at the defense. See thesis format and submission requirements in this catalog as well as the Thesis Guidelines from the Department of Chemistry. | |

Dr. Robert Bost, Program Dir., 974-5519 rbost@ucok.edu; Dr. David von Minden, 974-5467, dvonminden@ucok.edu; Dr. Linda Steele, 974-5176, lmsteele@ucok.edu; Dr. Sid Brown, 974-5271, sibrown@ucok.edu.
Graduate Faculty
### Graduate Faculty

<table>
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<th>Name</th>
<th>College</th>
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<tr>
<td><strong>A</strong></td>
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<tr>
<td>Absher, Anita G.</td>
<td>Education, BS, Oklahoma State University, 1978; MS University of Central Oklahoma, 1983</td>
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<tr>
<td>Adamiak, Stanley J.</td>
<td>Liberal Arts, BA, University of Vermont, 1988; MA, University of Nebraska, 1990; PhD, University of Nebraska, 1994</td>
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<td>Adams, Gwendolyn</td>
<td>Arts, Media &amp; Design, BA, University of Central Oklahoma, 1969; M.Ed., University of Central Oklahoma, 1975</td>
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<td>Adams, Jo Ann</td>
<td>Arts, Media &amp; Design, BFA, University of Oklahoma, 1955; MA, University of Oklahoma, 1972; MFA, University of Oklahoma, 1980; Ed.D, Oklahoma State University, 1990</td>
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<td>Alviarre, Grant-Y-Luker C.</td>
<td>Liberal Arts, BA, University of Central Oklahoma, 1997; MA, University of Central Oklahoma, 1999</td>
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<td>Ahmad, Riaz</td>
<td>Mathematics and Science, BS, University of Panjob, Pakistan, 1962; MS, West Pakistan Agricultural University, 1967; MS, North Dakota State University, 1971; Ph.D, University of Oklahoma, 1976</td>
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<td>Alkahadily, Fakhrideen N.</td>
<td>Mathematics and Science, BS, Basrah University, Iraq, 1976; MS, Texas A&amp;M University, 1984; PhD, Oklahoma State University, 1988</td>
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<tr>
<td>Allen, Steve</td>
<td>Education, BS, University of Oklahoma, 1964; MS, University of Oklahoma, 1973</td>
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<td>Allison, Jerry D.</td>
<td>Business Administration, BS, University of Texas at Arlington, 1968; M.Eng., Texas A&amp;M University, 1970; PhD, Oklahoma State University, 1986</td>
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<td>Alvarez, Esperanza</td>
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<td>Anderson, Chalon</td>
<td>Education, BS, University Of Central Oklahoma, 1984; M.Ed., University Of Central Oklahoma, 1986; PhD, Oklahoma State University, 1989</td>
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<td>Anderson, Joyce M.</td>
<td>Education, BS, University of Central Oklahoma, 1988; MS, University of Central Oklahoma, 1992</td>
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<td>Atkins, LaDonna</td>
<td>Education, BS, University Of Central Oklahoma, 1991; M.Ed, University Of Central Oklahoma, 1994; EdD, Oklahoma State University, 2002</td>
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<td>Bahouth, Saba</td>
<td>Business Administration, BS, American University of Beirut, 1975; MS, Vanderbilt University, 1981; PhD, University of Oklahoma, 1991</td>
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<td>Baird, Troy A.</td>
<td>Mathematics and Science, BS, San Diego State University, 1978; MS, San Diego State University, 1980; PhD, University of British Columbia, 1989</td>
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<td>Baker, James</td>
<td>Liberal Arts, BA, University of Houston, 1965; MA, Tulane University of Louisiana, 1967; PhD, Tulane University, 1971</td>
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<td>Barker, Deborah A.</td>
<td>Education, BA, Oklahoma Christian University of Science and Arts, 1972; M.Ed., University of Central Oklahoma, 1987; PhD, University of Oklahoma, 1995</td>
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<td>Barnes, Karen L.</td>
<td>Education, BSN, University of Oklahoma Health Science Center, 1970; MS, University of Oklahoma Health Science Center, 1989; PhD, University of Oklahoma, 1998</td>
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<td>Barthell, John F.</td>
<td>Mathematics and Science, BS, University of California at Berkeley, 1985; PhD, University of California at Berkeley, 1992</td>
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<td>Bass, T. David</td>
<td>Mathematics and Science, BS, Lamar University, 1978; MS, Lamar University, 1980; PhD, Texas A&amp;M University, 1985</td>
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<td>Baughman, T. H.</td>
<td>Liberal Arts, BA, Stetson University, 1968; MA, Ohio State University, 1969; PhD, Florida State University, 1990</td>
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<td>Beasley, Lori A.</td>
<td>Education, BS, Oklahoma State University, 1978; M.Ed., University Of Central Oklahoma, 1981; Ed.D., Oklahoma State University, 1996</td>
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<td>Beasley, Stewart R.</td>
<td>Education, BS, University Of Central Oklahoma, 1966; M.Ed, University Of Central Oklahoma, 1969; PhD, University of Colorado, 1971</td>
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<td>Benson, Juana</td>
<td>Education, BS, Oklahoma State University, 1986; MS, Oklahoma State University, 1990</td>
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<td>Bevel, Tom</td>
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<td>Mathematics and Science, BS, Purdue University, 1984; MS, University of Arkansas, 1986; PhD, Iowa State University, 1990</td>
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<td>Bird, Rosa J.</td>
<td>Liberal Arts, BA, University of Puerto Rico, Rio Piedras, 1987; MA, University of Illinois at Urbana-Champaign, 1988; PhD, University of Illinois at Urbana-Champaign, 1991</td>
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<td>Birdsong, Sheryle</td>
<td>Education, BS, University Of Central Oklahoma, 1994; M.Ed, University Of Central Oklahoma, 1996</td>
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<td>Bize, Susan</td>
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<td>Black, Stephen</td>
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<td>Boliver, David E.</td>
<td>Mathematics and Science, BA, Texas Tech University, 1962; MA, Rutgers University, 1966; EdD, Rutgers University, 1971</td>
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<td>Bost, Robert O.</td>
<td>Mathematics and Science, BS, University of Texas at Austin, 1965; MA, University of Texas at Austin, 1967; PhD, University of Houston, 1970</td>
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<td>Bowen, John</td>
<td>Mathematics and Science, BS, University of Central Oklahoma, 1975; PhD, Oklahoma State University, 1982</td>
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<td><em>Brazeale, Carl E.</em></td>
<td>Education, BS, University Of Central Oklahoma, 1972; MS, Central Missouri State University, 1978</td>
</tr>
</tbody>
</table>
Graduate Faculty

Bridges, Timothy R., Business Administration, BS, Ohio State University, 1969; MS, Air Force Institute of Technology, 1978; PhD, University of Oklahoma, 2000
Bristow, Donald G., Arts, Media & Design, BFA, University of Oklahoma, 1962; MFA, University of Oklahoma, 1964; PhD, Texas Tech University, 1984
Brodnax, Mary M., Liberal Arts, BA, Vanderbilt University, 1978; MA, The Johns Hopkins University, 1987
Brown, Deborah J., Liberal Arts, BA, Southern Nazarene University, 1974; MAT, Rolling College, 1979; PhD, University of Oklahoma, 1994
Brown, Elizabeth, Arts, Media & Design, BFA, Rhode Island School of Design, 1995; MFA, Arizona State University, 1999
Brown, Kathy A., Education, BS, University of Central Oklahoma, 1981; M.Ed., University Of Central Oklahoma, 1986; PhD, Oklahoma State University, 1994
Brown, Kenny L., Liberal Arts, BA, Oklahoma State University, 1972; MA, Oklahoma State University, 1975; PhD, Oklahoma State University, 1985
Brown, Sidney D., Liberal Arts, BAEd., University Of Central Oklahoma, 1971; M.Ed., University Of Central Oklahoma, 1975; JD, Oklahoma City University, 1979
*Burkey, Chris H., Mathematics and Science, BS, University of Central Oklahoma, 1978; M.Ed., University of Central Oklahoma, 1992; Ed.D., Oklahoma State University, 2002
*Burnett, George F., Liberal Arts, BS, Oklahoma State University, 1981; JD, Oklahoma City University, 1987
Buxton, Sheldon, Education, BS, Missouri Southern University, 1972; MS, Southwest Missouri State University, 1977; EdD, Pittsburg State University, 1981; EdD, University of Arkansas, 1989
Byrne, Jesse W., Mathematics and Science, BA, University of Texas at Austin, 1991; MS, University of North Texas, 1993; PhD, University of North Texas, 1998

C

Caddell, Gloria M., Mathematics and Science, BA, University of Alabama, 1974; MA, University of Alabama, 1979; PhD, University of North Carolina at Chapel Hill, 1989
*Caine, Ann, Education, BAEd, Kansas State University, 1979; M.Ed, Kansas State University, 1981; M.Ed, Oklahoma State University, 1998
Caire, William, Mathematics and Science, BS, Texas Tech University, 1969; MS, University of North Texas, 1972; PhD, University of New Mexico, 1978
Camey, John, Business Administration, BS, University of Maryland, 1980; MBA, Oklahoma City University, 1986; PhD, University of Oklahoma, 1997
Campbell, Tim K., Education, BSEd, University Of Central Oklahoma, 1978; MAEd, Southern Nazarene University, 1985; EdD, Oklahoma State University, 1990
*Canfield, Dennis, Mathematics and Science, BS, Lynchburg College, 1971; MS, City University of New York, 1976; PhD, Northeastern University at Boston, 1988
Carlon, Donna, Business Administration, BS, Iowa State University, 1974; MA, University of Denver, 1977; PhD, University of Denver, 2001
Carrell, Amy, Liberal Arts, BA, Purdue University, 1983; MA, Purdue University, 1985; PhD, Purdue University, 1993
Carter, Karen, Arts, Media & Design, BMed, Oklahoma State University, 1971; MS, Oklahoma State University, 1976; PhD, University of Oklahoma, 1986
Chandler, Gerald M., Education, BA, Florida State University, 1967; MA, Florida State University, 1969; PhD, Florida State University, 1985
Charoenwongse, Chindarat, Arts, Media & Design, BFA, Chulalongkorn University, 1989; MMEd, Eastman School of Music, 1993; DMA, University of Oklahoma 1998
Chen, Wei, Mathematics and Science, BS, Shandong University, China, 1982; MS, University of Oregon, Eugene, 1984; PhD., University of Oregon, Eugene, 1988
*Chappell, Brenda A., Liberal Arts, BA, University Of Central Oklahoma, 2000; MA, University Of Central Oklahoma, 2002
*Christie, Art L., Liberal Arts, BA, University of Missouri, 1964; MA, University of North Dakota, 1976
Clark, Terry M., Liberal Arts BA, University Of Central Oklahoma, 1966; MA, University of Iowa, 1969; EdD, Oklahoma State University, 1991
*Cleary, Shawna F., Liberal Arts, BA, Central State University, 1985; MA, University Of Central Oklahoma, 1992; MA, University Of Central Oklahoma, 1993; PhD, University of Oklahoma, 2002
*Cleveland, Harold, Mathematics and Science, BS, Northwestern University, 1962; MS, University of Illinois, 1965; PhD, University of Oklahoma, 1974
Cobb, Donna S., Education, BS, East Central Oklahoma State University, 1976; M.Ed, East Central Oklahoma State University, 1977; Ed.D, Oklahoma State University, 1991
Coe, Judith A., Education, BA, Southeastern Oklahoma State University, 1967; M.Ed, Southeastern Oklahoma State University, 1973; EdD, Oklahoma State University, 1985
*Coldren, Melanie, Education, BA, Oklahoma Baptist University, 1971; MS, University of Oklahoma, 1973
Collins, Edward C., Education, BA, Gonzaga University, 1966; MT, East Central Oklahoma State University, 1967; PhD, University of Oklahoma, 1976
*Cook, Jeri Van, Liberal Arts, BS, Northwestern Oklahoma State University, 1977; MA, University Of Central Oklahoma, 1991
Cooper, Charles, Mathematics and Science, BS, University of Oklahoma, 1976; MS, University of Oklahoma, 1982; PhD, University of Oklahoma, 1990
*Corum, William R., Business Administration, BS, Millikin University, 1966; JD, Oklahoma City University, 1976
*Coy, Sherry, Liberal Arts, BS, Oklahoma Baptist University, 1978; Southwestern Oklahoma State University, 1979; PhD, Nova Southeastern University, 2001
Craig, Dana S., Education, BS, Southwestern Oklahoma State University, 1975; MA, University of Alabama-Birmingham, 1989; EdD, Oklahoma State University, 1999
### Graduate Faculty

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<td><em>De Bolt, Darian C.</em></td>
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<td>PhD, University of California</td>
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<td>Dehnhert, Lon</td>
<td>Arts, Media &amp; Design, BMed</td>
<td>University of Kansas</td>
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<td>MM, University of Missouri-Kansas City</td>
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<td><em>DeLeon, Dottie</em></td>
<td>Arts, Media &amp; Design, BA</td>
<td>Hardin-Simmons University</td>
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<td>MA, Oklahoma City University</td>
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<tr>
<td>De los Santos, Tomas</td>
<td>Business Administration, BA</td>
<td>Universidad utonoma de Nuevo Leon</td>
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<td>MA, Boston University</td>
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<td>PhD, Clark University</td>
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<td><em>Dennis, Judy</em></td>
<td>Education, BS</td>
<td>Colorado State University</td>
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<td><em>Denson, Richard</em></td>
<td>Arts, Media &amp; Design, BFA</td>
<td>Stephens College</td>
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<td>Deskin, Jack W.</td>
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<td>Deventer, Jill A.</td>
<td>Education, BA</td>
<td>State University of New York</td>
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<td>MS, Southern Oregon State College</td>
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<td>Dickson, Donna</td>
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<td>Dickson, Warren</td>
<td>Business Administration, BA</td>
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<td>Domanski, Chris</td>
<td>Arts, Media &amp; Design, BFA</td>
<td>Wayne State University</td>
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<td>Donaldson, Daniel</td>
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<td>California State University</td>
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<td>MA, California State University, Fullerton</td>
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<td><em>Donovan, April</em></td>
<td>Arts, Media &amp; Design, BFA</td>
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<td>MFA, University of Texas at San Antonio</td>
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<td>Education, BA</td>
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<td>Liberal Arts, AA</td>
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<td>Liberal Arts, BS</td>
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<td>Evans-Groce, LaMonza N.</td>
<td>Liberal Arts, BS</td>
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### Graduate Faculty

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<td>Ferguson, John M.</td>
<td>Mathematics &amp; Science, BS, University of Kansas, 1987; PhD, Iowa State University, 1993</td>
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<td><em>Fister, Nelda</em></td>
<td>Mathematics &amp; Science, BS, Oklahoma Baptist University, 1965; MS University of Oklahoma, 1974</td>
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<td>Fly, Pamela</td>
<td>Education, BSEd, Southwest Missouri State University, 1980; M.Ed, Drury College, 1984; PhD, University of Oklahoma, 1994</td>
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<td><em>Font, Raul</em></td>
<td>Education, BA, University of Puerto Rico, 1974; MA, University Of Central Oklahoma, 1984; PhD, University of Oklahoma, 2001</td>
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<tr>
<td><em>Ford, Darrell</em></td>
<td>Business Administration, JD, MBA, University of Texas, 1986</td>
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<td>Ford, David A.</td>
<td>Liberal Arts, BA, Oral Roberts University, 1973; MS, Oklahoma State University, 1979; PhD, Oklahoma State University, 1988</td>
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<tr>
<td>Foster, Larry L.</td>
<td>Business Administration, BS, Oklahoma State University, 1962; JD, University of Oklahoma, 1965</td>
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<td><em>Frair, John A.</em></td>
<td>Liberal Arts, BS, Texas A&amp;M, 1972; MS, Texas A&amp;M University, 1973</td>
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<tr>
<td>Frech, Cheryl Baldwin</td>
<td>Mathematics &amp; Science, BS, Oklahoma State University, 1981; MS, University of Oklahoma, 1984; PhD, University of Oklahoma, 1987</td>
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<td>Frederickson, W. A.</td>
<td>Education, BA, Willamette University, 1956; MA, Baylor University, 1957; EdD, University of Oklahoma, 1967</td>
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<td><em>Fuller, Susie</em></td>
<td>Education, BS, University of Oklahoma, 1979; MS, University of Oklahoma, 1988</td>
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<td>Furmanski, Louis S.</td>
<td>Liberal Arts, BA, Union College-New York, 1972; MA, Purdue University, 1980; PhD, Purdue University, 1990</td>
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<td><strong>G</strong></td>
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<tr>
<td>Garic, John</td>
<td>Business Administration, BA, University of New Orleans, 1976; JD, Loyola University School of Law, 1979; M.Ed, University of New Orleans, 1994</td>
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<tr>
<td>Garrison, Stephen</td>
<td>Liberal Arts, B A, Baylor University, 1974; MA, Baylor University, 1977; PhD, University of South Carolina, 1981</td>
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<td><em>Gaston, Roberta</em></td>
<td>Education, BAEd, Oklahoma State University, 1972; M.Ed, Oklahoma State University, 1977</td>
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<tr>
<td>Gatch, Loren</td>
<td>Liberal Arts, BA, University of Chicago, 1981; MA, Columbia University, 1986; PhD, Cornell University, 1998</td>
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<td><em>Gelona, Zina</em></td>
<td>Arts, Media &amp; Design, BFA, University Of Central Oklahoma, 2001; M.Ed, University Of Central Oklahoma, 2004</td>
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<tr>
<td>George, John E.</td>
<td>Liberal Arts, BS, University of Oklahoma, 1958; MS, University of Oklahoma, 1960; MA, University of Oklahoma, 1967; PhD, University of Oklahoma, 1971</td>
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<td>Getzoff, Douglas R.</td>
<td>Arts, Media &amp; Design, BA, University of Northern Iowa, 1982; MFA, University of Georgia, 1984</td>
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<td>Givan, Christopher F.</td>
<td>Liberal Arts, BA, Yale University, 1966; MA, Stanford University, 1968; PhD, Stanford University, 1970</td>
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<td><em>Glazier, Richard</em></td>
<td>Arts, Media &amp; Design, BA, Oklahoma City University, 1992; M.Ed, University Of Central Oklahoma, 2000;</td>
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<td>Gleason, Anne</td>
<td>Business Administration, BS, Duke University, 1981; PhD, Florida State University, 1990</td>
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<td><em>Gleason, Denise D.</em></td>
<td>Arts, Media &amp; Design, BA, Oklahoma City University, 1972; MCJA, Oklahoma City University, 1975; M.Ed, University Of Central Oklahoma, 1994</td>
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<td><em>Gofton, Jeffrey</em></td>
<td>Mathematics and Science, BS, University of Western Ontario, 1992; MD, St. George’s University School of Medicine, Grenada, 1996</td>
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<td><em>Goldman, Jan</em></td>
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<td><em>Gorrell, Brian</em></td>
<td>Arts, Media &amp; Design, BMed, University Of Central Oklahoma, 1995; MM, Oklahoma City University, 1998</td>
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<td>Goudge, Darrell</td>
<td>Business Administration, BS, Iowa State University, 1976; MBA, National University, 1981; MS, University of Colorado, 1989; PhD, New Mexico State University, 1994</td>
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<td><em>Gourley, Michael D.</em></td>
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<td>Govich, Marilyn</td>
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<td>Mathematics &amp; Science, BS, Oklahoma City University, 1988; MS, Oklahoma City University, 1992</td>
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<td>Green, Barbara</td>
<td>Education, BS, Cameron University, 1980; MS, Southwestern State University, 1986; PhD, Oklahoma State University, 1992</td>
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<td>Green, Malinda Hendricks</td>
<td>Education, BA, Northwestern Oklahoma State University, 1971; MA, Northwestern Oklahoma State University, 1976; PhD, University Of Oklahoma, 1989</td>
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<td>Mathematics and Science, BS, St Bonaventure University, 1970; MS, St Bonaventure University, 1974; PhD, University Of Oklahoma, 1980</td>
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<td>Guild, Thomas E.</td>
<td>Business Administration, BA, University Of Oklahoma, 1976; JD, Southern Methodist University, 1979</td>
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<td>Arts, Media &amp; Design, BM, Julliard School of Music, 1968</td>
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<td>Hansen, Billye</td>
<td>Business Administration, BS, Oklahoma State University, 1968; M.Ed, University Of Central Oklahoma, 1971; EdD, Oklahoma State University, 1984</td>
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<td><strong>Haskin, Daniel</strong></td>
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<td>Education, BA, Colorado State University, 1972; M.Ed, University of Alabama, 1978; PhD, University of Oklahoma, 1987</td>
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<td><em>Heath, Sharon</em></td>
<td>Arts, Media &amp; Design, BS, University of Houston, 1981; MBS, Cameron University, 1989</td>
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<td><strong>Heit, Seigfried E.</strong></td>
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<td><strong>Hellack, Jenna J.</strong></td>
<td>Mathematics &amp; Science, BS, East Central Oklahoma State University, 1968; MS, Oklahoma State University, 1969; PhD, University of Oklahoma, 1975</td>
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<td>Education, BS, University of South Alabama, 1976; MLS, University of Alabama, 1981; PhD, University of Oklahoma, 1997</td>
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<td>Arts, Media &amp; Design, BS, Brigham Young University, 1977; MA, Brigham Young University, 1980</td>
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<td>Mathematics and Science, BS, University Of Central Oklahoma, 1981; MS, University Of Central Oklahoma, 1983; PhD, Oklahoma State University, 1987</td>
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<td><strong>Jennings, Sandra</strong></td>
<td>Business Administration, BA, Missouri Southern State College, 1969; MPA, University of Oklahoma, 1976; PhD, University of Oklahoma, 1985</td>
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<td>Mathematics and Science, BS, University Of Central Oklahoma, 1983; PhD, Oklahoma State University, 1989</td>
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<td>Education, BA, London University, 1970; MS, Oklahoma State University, 1984; EdD, Oklahoma State University, 1990</td>
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</table>
Graduate Faculty

*Johnson, Brenda Seward, Arts, Media & Design, BMed, Oklahoma State University, 1975; MM, Oklahoma City University, 1979
Johnson, James Kent. College, 1969; DMA, University of Oklahoma, 1976
Johnson, Joseph T. Business Administration, BA, University of Michigan, 1968; MTS, Harvard University, 1971; MS, Michigan State University, 1973; PhD, University of Chicago, 1980
*Johnson, Scott, Arts, Media & Design, BA, Oklahoma City University, 1990; MM, Oklahoma City University, 1998
Johnson, William A. Liberal Arts, BA, Northeastern Oklahoma State University, 1967; MS, Pittsburg State University, 1968; PhD, Oklahoma State University, 1971
Jones, Freeta. Education, BS, University of Oklahoma, 1976; M.Ed, University of Central Oklahoma, 1983; EdD, Oklahoma State University, 1997
Jones, Randall J. Liberal Arts, BA, Oklahoma State University, 1962; MA, Oklahoma State University, 1966; PhD, University of Texas at Austin, 1974
Jones, Russell W. Business Administration, BS, Oklahoma State University, 1955; MSBA, Boston University, 1977; PhD, Oklahoma State University, 1992
*Jordan, Fred. Mathematics and Science, AB, Bowdoin College, 1962; MD, Tufts University School of Medicine, 1966
Jung, Byung I., Liberal Arts, BLAW, Won Kwang University, Korea, 1971; MRCP, University of Oklahoma, 1977; PhD, University of Oklahoma, 1984
Jung, Minje. Business Administration, BS, Seoul National University, Korea, 1975; MBA, Seoul National University, Korea, 1983; PhD, Florida State University, 1989

K
*Katz, David. Mathematics and Science, BA, Central College, 1972; PhD, University of Utah, 1980
Kearns, Donna. Education, B.Ed, University of Hawaii, 1977; M.Ed, University of Hawaii, 1979; PhD, University of Missouri, 1992
Kearns, Gayle. Education, BS, University of Oklahoma, 1973; M.Ed, University of Oklahoma, 1975; EdD, Oklahoma State University, 1988
Kelsey, Cheryl L. Education, BS, University of Central Oklahoma, 1975; M.Ed, University of Central Oklahoma, 1984; M.Ed, Southern Nazarene University, 1998; EdD, Oral Roberts University, 2002
Kerr, Peggy Alexander. Education, BA, University Of Central Oklahoma, 1962; M.Ed, University Of Central Oklahoma, 1976; PhD, Oklahoma State University, 1989

*King, Danny. Education, BS, University of Central Oklahoma, 1989; M.Ed, University of Central Oklahoma, 1993
*King, Deann. Education, BAE, University of Central Oklahoma, 1992; M.Ed, University of Central Oklahoma, 2002
King, John P. Mathematics and Science, BS, University Of Central Oklahoma, 1961; PhD, Oklahoma State University, 1966
Kleeman, J. Kole. Liberal Arts, BS, Southern Illinois University at Carbondale, 1980; MS, Southern Illinois University at Carbondale, 1983; PhD, Ohio University at Athens, 1995
Kness, Darlene M. Education, BS, Carnegie-Mellon University, 1970; MS, Pennsylvania State University, 1971; PhD, Pennsylvania State University, 1973
Knight, Bettie Jo. Liberal Arts, BS, Oklahoma State University, 1974; MA, Oklahoma State University, 1979; PhD, Oklahoma State University, 1983
Knight, John Michael. Education, BA, University of Central Oklahoma, 1968; MA, Stephen F. Austin State University, 1970; PhD, University of Oklahoma, 1974
*Kunc, Kathryn Kerr. Arts, Media & Design, BA, University Of Central Oklahoma, 1942; MAEd, University Of Oklahoma, 1954
Kunzminski, Pam. Education, BS, University of Oklahoma, 1973; M.Ed, North Texas State University, 1980; PhD, North Texas State University, 1984
*Kyle, Gari. Arts, Media & Design, BM, Oklahoma City University, 1972; MM, Oklahoma City University, 1974

L
*Lacy, Robin H., Jr. Education, BS, Oklahoma State University, 1985; MS, Oklahoma State University, 1998
LaGrow, Patricia. Mathematics and Science, BS, University of Central Oklahoma, 1976; University of Oklahoma, 1979; PhD, Texas Woman’s University, 1993
Lalor, Brendan J. Liberal Arts, BA, College of Saint Rose, Albany, 1992; MA, University at Albany, SUNY, 1996; PhD, University at Albany, SUNY, 1998
Lamb, Brian. Arts, Media & Design, BMed, Baylor University, 1986; MM, University of Notre Dame, 1988; DMA, University of North Texas, 2001
Larson, Shirley K. Education, BS, Oklahoma State University, 1965; MS, Drake University, 1973; EdD, Oklahoma State University, 1990
Law, Stephen, C. Liberal Arts, BA, Florida State University, 1978; MA, Florida State University, 1980; PhD, Florida State University, 1986
*Lawson, Debi. Education, BBA, University Of Central Oklahoma, 1984; MS, University Of Central Oklahoma, 1987
Graduate Faculty

*Lee, Melvin, Arts, Media & Design, BMEd, Oklahoma City University, 1949; MMEd, University of Michigan, 1955; DMed, University of Oklahoma, 1969

Lehman, Paul R., Liberal Arts, BA, University Of Central Oklahoma, 1969; M.Ed, University Of Central Oklahoma, 1971; PhD, Lehigh University, 1976

Lemley, Evan C., Mathematics and Science, BA, Hendrix College, 1989; MS, University of Arkansas, 1991; PhD, University of Arkansas, 1996

*Leonard, Sandra R., Mathematics & Science, BS, University of Oklahoma, 1964; MS, University of Oklahoma, 1967

Lewis, Gladys S., Liberal Arts, RN, St Anthony’s, 1953; BA, Texas Christian University, 1956; MA, University of Central Oklahoma, 1985; PhD, Oklahoma State University, 1991

Li, Xiao-Bing, Liberal Arts, BA, Nankai University, China, 1982; MA, Carnegie-Mellon University, 1984; PhD, Carnegie-Mellon University, 1991

Liew, Chung Ja, Business Administration, BS, University of California-Berkeley, 1965; MA, University of Oklahoma, 1973; PhD, University of Oklahoma, 1977

*Long, Mary, Mathematics and Science, BS, Southwestern Oklahoma State University, 1978; BS, University of Central Oklahoma, 1984

*Lopez, Regina, Education, BA, University Of Central Oklahoma, 1986; M.Ed, University Of Central Oklahoma, 1996

*Loughlin, Patricia E., Liberal Arts, BA, Pepperdine University, 1993; MA, Pepperdine University, 1996; PhD, Oklahoma State University, 2000

Lucas, Carol A., Mathematics and Science, BS, Southwest Missouri State University, 1977; MA, Southwest Missouri State University, 1979; PhD, University of Kansas at Lawrence, 1999

Lucas, Larry A., Mathematics & Science, BS, Southwest Missouri State University, 1975; MA, Southwest Missouri State University, 1979; PhD, University of Missouri, 1987


*Lynch, Anne G., Liberal Arts, BA, University of Oklahoma, 1961; MA, University of Oklahoma

*Lyons, Melinda, Arts, Media & Design, BS, Oklahoma State University, 1978; MS, University Of Central Oklahoma, 1989

M


Manning, Ronald, Arts, Media & Design, BM, Florida State University, 1969; MM, University of Miami, 1971; DMA, University of Miami, 1981

Marks, Angela, Arts, Media & Design, BFA, West Virginia University, 1994; MFA, University of Georgia, 1997

*Marks, Martin A., Arts, Media & Design, BMEd, Oklahoma Baptist University, 1981; MM, University Of Central Oklahoma, 1998

Markwood, Christopher, Liberal Arts, BA, Southwest Baptist University, 1987; MA, University Of Missouri-Columbia, 1988; PhD, University Of Missouri-Columbia, 1993

*Marshall, Charles L., Education, BS, Duquesne University, 1974; MS, Duquesne University, 1977; PhD, University of Oklahoma, 1984

Martin, David L., Mathematics & Science, BS, Cameron University, 1973; PhD, Oklahoma State University, 1979

*Massey, Sherri, Liberal Arts, BA, University Of Arkansas, 1986; MA, University Of Oklahoma, 1989; EdD, Oklahoma State University, 1993

Maxwell, Don, Business Administration, BA, University of Texas at Arlington, 1973; MS, Baylor University, 1975; PhD, Oklahoma State University, 1982

Mayfield, Sandra, Liberal Arts, BA, Oklahoma Baptist University, 1964; MA, University Of Oklahoma, 1970; PhD, University Of Oklahoma, 1980

McCarthy, Donna Joann, Education, BS, Southwestern Oklahoma State University, 1970; M.Ed, Southwestern Oklahoma State University, 1972; M.Ed., University Of Central Oklahoma, 1987; EdD, Oklahoma State University, 1997

McClendon, Michael S., Mathematics & Science, BS, State University of New York-Brockport, 1993; MS, Syracuse University, 1995; PhD, University Of Louisiana, 2000

McClyre, Nancy R., Business Administration, BBA, Texas Tech University, 1980; MBA, Texas Tech University, 1982; PhD, Texas Tech University, 1995

*McCoy, Mark R., Liberal Arts, BS, Western Michigan University, 1980; MS, National University, 1984; EdD, Oklahoma State University, 2000

McDaniel, John W., Mathematics & Science, BS, East Central Oklahoma State University, 1972; MS, Oklahoma State University, 1975; PhD, Kansas State University, 1985

McDonald, Linda L., Liberal Arts, BA, Oklahoma City University, 1965; MA, University Of Kansas, 1967; MA, University Of Central Oklahoma, 1991

McEwen, Michael T., Liberal Arts, BS, University Of Central Oklahoma, 1975; BA, Oklahoma City University, 1981; MA, University Of Oklahoma, 1976; MDiv, Virginia Theological Seminary, 1988; D.Min, Phillips Theological Seminary, 1999

McGill, Robert E., Arts, Media & Design, BA, University of Detroit, 1963; MA, Northwestern University, 1965; PhD, University of Michigan, 1976

*McKee, Candi, Liberal Arts, BA, University Of Central Oklahoma, 1995; MA, University Of Central Oklahoma, 2000

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### Graduate Faculty

**Metzger, Michael R.**, PhD, University of Oklahoma, 1982  
University of Nebraska, 1969; MS, University of Nebraska, 1970; PhD, University of Oklahoma, 1982

**Meyers, Karen**, Education, BS, University of Central Oklahoma, 1995; MS, University of Central Oklahoma, 1998

**Miller, Mary Lisa**, Business Administration, BS, Southeastern Oklahoma State University, 1984; MS, Oklahoma State University, 1986; EdD, Oklahoma State University, 1988

**Miller, Ronald C.**, Mathematics and Science, BS, Trinity University, 1970; MS, University of Missouri-Rolla, 1972; PhD, University of Missouri-Rolla, 1976

**Mock, James W.**, Liberal Arts, BA, LeMoyne College, 1968; MA, Syracuse University, 1977; MLS, Syracuse University, 1979; MPh, Syracuse University, 1984; PhD, Syracuse University, 1988

**Mohamad, Husam A.**, Liberal Arts, BA, BirZeit University, 1985; MA, University of Cincinnati, 1989; PhD, University of Cincinnati, 1994

**Montes, Luis**, Mathematics and Science, BA, New Mexico State University, 1990; BS, New Mexico State University, 1990; PhD, University of Texas at Austin, 1996

**Morelli, Brad J.**, Liberal Arts, BA, University of Central Oklahoma, 1977; JD, Oklahoma City University, 1980

**Morris, Ralph E.**, Arts Media & Design, BM, Texas Christian University, 1974; MM, Arizona State University, 1987; DMA, Arizona State University, 1991

**Murray, Cynthia K.**, Mathematics and Science, BS, University of Central Oklahoma, 1974; BS, University of Central Oklahoma, 1977; MPH, University of Oklahoma, 1984; PhD, University of Oklahoma, 1993

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**Narcomey, Don**, Arts, Media & Design, BA, University of Central Oklahoma, 1982

**Necco, Joanne**, Education, BS, University of Central Oklahoma, 1979; M.Ed, University of Central Oklahoma, 1985; PhD, Oklahoma State University, 1993

**Nelson, Frank W.**, Education, BS, Oklahoma State University, 1976; MS, Oklahoma State University, 1973; EdD, Oklahoma State University, 1980

**Nelson, R. Mike**, Education, BS, Colorado State University, 1982; PhD, University of Oklahoma, 2003

**New, Dallas G.**, Mathematics and Science, BS, Baker University, 1988; MA, Washington University, 1990; PhD, Washington University, 1994

**New, Pamela R.**, Mathematics and Science, BS, Baker University, 1988; PhD, Washington University, 1993

**Noel, David E.**, Business Administration, BS, Southern Illinois University, 1972; MBA, Western Illinois University, 1974p MS, Texas Tech University, 1984; PhD, Arizona State University, 1992

**Nollert, Hans Rudolf**, Liberal Arts, BA, University of Virginia, 1980; Johann Wolfgang Goethe University; MA, The Johns Hopkins University, 1985; PhD, The Johns Hopkins University, 1991

**Nottingham, H. Allen**, Mathematics and Science, BS, University Of Central Oklahoma, 1988; MS, University of Oklahoma Health Sciences Center, 1991

**Olivier, Gwendolyn M.**, Liberal Arts, BA, University of New Orleans, 1970; MA, University of New Orleans, 1970; PhD, Louisiana State University, 1987

**Olson, William P.**, Liberal Arts, BA, Arizona State University, 1965; MA, Arizona State University, 1966; PhC, University of Washington, 1971

**Osburn, John D.**, Liberal Arts, BS, Southern Methodist University, 1953; MA, Southern Methodist University, 1954; PhD, University of Oklahoma, 1969

**Osgood, Virginia M.**, Education, BS, University Of Central Oklahoma, 1989; M.Ed, University Of Central Oklahoma, 1991; EdD, Oklahoma State University, 1999

**Ovrebo, Clark L.**, Mathematics and Science, Valley City State College, 1971; MS, University of Idaho, 1973; PhD, University of Toronto, 1981

**Owens, Dana V.**, Education, BS, Northeastern State University, 1979; MS, University Of Central Oklahoma, 1995; EdD, Oklahoma State University, 2000

**Pace, Gilda D.**, Liberal Arts, BA, University of Central Oklahoma, 1979; M.Ed, University Of Central Oklahoma, 1980

**Palmer, Robert E.**, Arts, Media & Design, BFA, University of Oklahoma, 1973; East Tennessee State University, 1978; EdD, Oklahoma State University, 1996

**Parrish, Barbara**, Business Administration, BA, Friends University, 1962; MS, Wichita State University, 1981; PhD, University of Arkansas, 1994

**Parrish, Ralph W.**, Business Administration, BBA, Wichita State University, 1977; MBA, Wichita State University, 1982; PhD, University of Arkansas, 1994

**Patterson, Patsy M.**, Education, BS, Southwestern Oklahoma State University, 1966; MLS, University of Oklahoma, 1984; EdD, Oklahoma State University, 1995
## Graduate Faculty

<table>
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<tr>
<th>Name</th>
<th>Education</th>
<th>Institution</th>
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<tr>
<td><strong>Payne, Terry K.</strong></td>
<td>Education, BAEd, Utah State University, 1980; M.Ed, Brigham Young University, 1981; M.Ed, University of Central Oklahoma, 1986</td>
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<tr>
<td><strong>Peters, Richard</strong></td>
<td>Liberal Arts, BA, University of Wichita, 1955; MA, University of Oklahoma, 1961; PhD, University of Oklahoma, 1971</td>
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<tr>
<td><strong>Peterson, Royce</strong></td>
<td>Liberal Arts, BS, McMurry College, 1954; M.Ed, McMurry College, 1970</td>
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<tr>
<td><strong>Pickens, Tom</strong></td>
<td>Education, BA, University of Central Oklahoma, 1979; M.Ed, Southern Nazarene University, 1998</td>
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<tr>
<td><strong>Pinkston, Gerry C.</strong></td>
<td>Education, BS, Oklahoma State University, 1971; M.Ed, University Of Central Oklahoma, 1975; EdD, Oklahoma State University, 1982</td>
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<tr>
<td><strong>Plaks, Jeffrey</strong></td>
<td>Liberal Arts, BA, University of Connecticut, 1989; MA, University of Connecticut, 1992; PhD, Northern Illinois University, 1998</td>
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<tr>
<td><strong>Pool, Carolyn G.</strong></td>
<td>Liberal Arts, BS, University of Oklahoma, 1963; MA, University of Oklahoma, 1976; PhD, University of Oklahoma, 1987</td>
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<tr>
<td><strong>Pourbabaei, Hassan</strong></td>
<td>Business Administration, BS, Advanced Statistical Institute, 1974; MA, Eastern New Mexico University, 1976; MS, Southwestern University of Louisiana, 1979; MA, University of Missouri-Columbia, 1981; PhD, University of Nebraska-Lincoln, 1987</td>
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<tr>
<td><strong>Pratt, Steven</strong></td>
<td>Liberal Arts, BA, University of New Mexico, 1973; MA, University of Oklahoma, 1982; PhD, University of Oklahoma, 1987</td>
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<td><strong>Pugh, Edward J.</strong></td>
<td>Liberal Arts, BA, University Of Central Oklahoma, 1972; MA, University of Oklahoma, 1977; PhD, University of Oklahoma, 1996</td>
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<tr>
<td><strong>Radke, William J.</strong></td>
<td>Mathematics &amp; Science, BS, Mankato State University, 1970; MA, Mankato State University, 1972; PhD, University of Arizona, 1975</td>
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<tr>
<td><strong>Rambo, Alma G.</strong></td>
<td>Mathematics and Science, BS, University Of Central Oklahoma, 1982; MS, University Of Central Oklahoma, 1986; PhD, University of Oklahoma, 1997</td>
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<tr>
<td><strong>Rao, S. Narasinga</strong></td>
<td>Mathematics and Science, BS, University of Madras, India, 1958, MS, University of Madras, India, 1962; MS, McMaster University, 1969; PhD, State University at Buffalo, 1973</td>
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<tr>
<td><strong>Ravikumar, Rukmini</strong></td>
<td>Arts, Media &amp; Design, BA, University of Madras, India, 1999; MFA, Iowa State University, 2003.</td>
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<tr>
<td><strong>Reed, Douglas P.</strong></td>
<td>Education, BA, East Carolina University, 1980; MA, East Carolina University, 1986; PhD, Oklahoma State University, 1992</td>
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<td><strong>Reiman, Sue Ellen</strong></td>
<td>Arts, Media &amp; Design, BFA, University of Oklahoma, 1976; MA, University of Oklahoma, 1988</td>
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<td><strong>Remy-Schumacher, Tess</strong></td>
<td>Arts, Media &amp; Design, BM, Kuntlerische Reifeprüfung, Musikhochschule Cologne, 1987; MM, University of Southern California, Los Angeles, 1989; DMA, University of Southern California, Los Angeles, 1998</td>
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<td><strong>Remy-Schumacher, Tess</strong></td>
<td>Arts, Media &amp; Design, BM, Kuntlerische Reifeprüfung, Musikhochschule Cologne, 1987; MM, University of Southern California, Los Angeles, 1989; DMA, University of Southern California, Los Angeles, 1998</td>
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<td><strong>Reynolds, Rebecca</strong></td>
<td>Education, BS, University of Tulsa, 1978; MS, University of Oklahoma Health Science Center, 1983</td>
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<td><strong>Rice, Allen C.</strong></td>
<td>Liberal Arts, BA, University of Oklahoma, 1980; MA, University of Oklahoma, 1983; PhD, University of Indiana, 1993</td>
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<tr>
<td><strong>Richards, Robert</strong></td>
<td>Business Administration, BA, Oklahoma City University, 1965; ML, Golden Gate University, 1996; JD, Thomas Jefferson School of Law, 1993</td>
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<tr>
<td><strong>Richman, Pamela</strong></td>
<td>Arts, Media &amp; Design, BM, Roosevelt University, 1978; MM, University of Illinois, 1981</td>
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<tr>
<td><strong>Rickman, Charles A.</strong></td>
<td>Business Administration, BSBA, Missouri Southern State College, 1985; MBA, University of Missouri-Columbia, 1986; PhD, University of Oklahoma, 1990</td>
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<tr>
<td><strong>Roberson, Jere W.</strong></td>
<td>Liberal Arts, BS, Tennessee Technological University, 1962; MA, Auburn University, 1963; PhD, University of Georgia, 1966</td>
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<tr>
<td><strong>Rooker, Jill</strong></td>
<td>Education, BS, Oklahoma State University, 1976; BS, Oklahoma State University, 1978; MS, Oklahoma State University, 1984; PhD, Indiana University, 1995</td>
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<tr>
<td><strong>Rooney, Martin</strong></td>
<td>Mathematics and Science, BS, University of Texas at Austin, 1968; MS, Brown University, 1971; PhD, University of Texas at Austin, 1977</td>
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<tr>
<td><strong>Rucker, Lee</strong></td>
<td>Arts, Media &amp; Design, BMEd, University Of Central Oklahoma, 1980; MMEd, University Of Central Oklahoma, 1981</td>
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<tr>
<td><strong>Rudebock, Rich</strong></td>
<td>Business Administration, BBA, Kent State University, 1974; M.Ed, Texas Tech University, 1978; EdD, Oklahoma State University, 1999</td>
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<tr>
<td><strong>Rudebock, Rich</strong></td>
<td>Business Administration, BBA, Kent State University, 1974; M.Ed, Texas Tech University, 1978; EdD, Oklahoma State University, 1999</td>
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<tr>
<td><strong>Sasser, Sue Lynn</strong></td>
<td>Business Administration, BA, University Of Central Oklahoma, 1976; MS, University Of Central Oklahoma, 1980; PhD, Texas Woman University, 1983</td>
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<tr>
<td><strong>Scott, Gregory M.</strong></td>
<td>Liberal Arts, BA, Ohio Wesleyan University, 1970; MA, University of Virginia, 1973; MDiv, Oral Roberts University, 1987; PhD, University of Virginia, 1989</td>
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<tr>
<td><strong>Scott, Jill</strong></td>
<td>Education, BA, University of Southern Maine, 1987; MS, Oklahoma State University, 1990; PhD, Oklahoma State University, 1995</td>
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<tr>
<td><strong>Scott, Susan</strong></td>
<td>Education, BS, University Of Central Oklahoma, 1977; M.Ed, University Of Central Oklahoma, 1980; EdD, Oklahoma State University, 1998</td>
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<tr>
<td><strong>Sears, D. Kaye</strong></td>
<td>Education, BS, University of Oklahoma, 1961; M.Ed, University Of Central Oklahoma, 1969; EdD, Oklahoma State University, 1978</td>
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<tr>
<td><strong>Sebert, Candy A.</strong></td>
<td>Education, BS, Oklahoma State University, 1974; EdD, Oklahoma State University, 1983</td>
<td></td>
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<tr>
<td><strong>Shaaf, Mohammad</strong></td>
<td>Business Administration, BS, Pahlavi University, Shiraz, Iran, 1972; MBA, University of Texas of the Permian Basin, 1976; PhD, Texas Tech University, 1982</td>
<td></td>
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<tr>
<td><strong>Sharp, Brett S.</strong></td>
<td>Liberal Arts, BS, Oklahoma State University, 1988; MPA, University of Oklahoma, 1991; PhD, University of Oklahoma, 1998</td>
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### Graduate Faculty

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<th>Name</th>
<th>Degree(s)</th>
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<tr>
<td>Sheets, Mary Flanagan</td>
<td>Business Administration, BS, Oklahoma City University, 1980; MS, Oklahoma State University, 1988; PhD, University of Oklahoma, 1995</td>
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<tr>
<td>Shin, Youngtae</td>
<td>Liberal Arts, BA, University of Washington, 1983; MA, University of Washington, 1986; PhD, University of Washington, 1992</td>
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<tr>
<td>Shirley, Michael</td>
<td>Business Administration, BA, Oklahoma State University, 1978; JD, University of Oklahoma, 1981</td>
<td></td>
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<tr>
<td>Shreck, R. Paulette</td>
<td>Education, BSeD, Oklahoma Christian University, 1975; M.Ed, University Of Central Oklahoma, 1980; MS, Oklahoma State University, 1988; PhD, University of Oklahoma, 1994</td>
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<tr>
<td>Simmons, Charlotte K.</td>
<td>Mathematics and Science, BA, East Texas State University, 1988; MA, University of North Texas, 1990; PhD, University of Oklahoma, 1998</td>
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<tr>
<td>Singer-Farber, Gayle S.</td>
<td>Arts, Media &amp; Design, BAEd, University Of Central Oklahoma, 1981; M.Ed, Southwestern Oklahoma State University, 1982; BFA, Kansas City Art Institute, 1987; MFA, Alfred University at New York State College, 1989</td>
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<tr>
<td>Spigner, Terry E.</td>
<td>Education, BA, University of Oklahoma, 1977; MS, University of Oklahoma Health Sciences Center, 1980; MS, University Of Central Oklahoma, 1986; PhD, Howard University, 1992</td>
<td></td>
</tr>
<tr>
<td>Springer, John P.</td>
<td>Education, BA, University of Oklahoma, 1979; MA, University of Oklahoma, 1986; PhD, University of Iowa, 1994</td>
<td></td>
</tr>
<tr>
<td>Sprung, Douglas C.</td>
<td>Education, BA, Western Michigan University, 1964; MA, Western Michigan University, 1965; MS, Central Michigan University, 1970; PhD, University of Michigan, 1973</td>
<td></td>
</tr>
<tr>
<td>Stapleton, David P.</td>
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<td></td>
</tr>
<tr>
<td>Steele, Linda L.</td>
<td>Liberal Arts, BA, University Of Central Oklahoma, 1988; MA, University Of Central Oklahoma, 1990; PhD, University Of Southwestern Louisiana, 1996</td>
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<tr>
<td>Stein, Wayne P.</td>
<td>Liberal Arts, BA, University Of Central Oklahoma, 1988; BA, University Of Central Oklahoma, 1992; MA, University Of Central Oklahoma, 1991; PhD, Oklahoma State University, 1997</td>
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</tr>
<tr>
<td>Steward, Gary A. Jr.</td>
<td>Liberal Arts, BA, University Of Central Oklahoma, 1991; MA, University Of Central Oklahoma, 1992; PhD, Oklahoma State University, 1999</td>
<td></td>
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<tr>
<td>Stockwell, William</td>
<td>Mathematics and Science, BS, University Of Central Oklahoma, 1973; MA, University Of Oklahoma, 1975; PhD, University Of Oklahoma, 2002</td>
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<tr>
<td>Stone, Paul A.</td>
<td>Mathematics and Science, BS, University Of Florida, 1987; MS, Auburn University, 1990; PhD, University Of New Mexico, 1995</td>
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<tr>
<td>Streets, Barbara S.</td>
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<tr>
<td>Stuart, Roger H.</td>
<td>Liberal Arts, BA, University Of Oklahoma, 1973; JD, University Of Oklahoma, 1978</td>
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<tr>
<td>Stufflebean, Tana</td>
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<tr>
<td>Stults, Cathy L.</td>
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<tr>
<td>Stumbaugh, Charles C.</td>
<td>Business Administration, BS, Northeastern Oklahoma State University, 1963; MS, Oklahoma State University, 1964; PhD, University Of Oklahoma, 1975</td>
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<tr>
<td>Swezey, Keith</td>
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<tr>
<td>Sung, Hong</td>
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<tr>
<td>Tabor, Susan E.</td>
<td>Education, BS, University Of Nebraska, 1979; M.Ed, University Of Central Oklahoma, 1982; PhD, University Of Oklahoma, 2001</td>
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### Graduate Faculty

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<th>Name</th>
<th>Title, University, Year(s)</th>
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<tr>
<td>Terrell, Katherine P.</td>
<td>Business Administration, BBA, University of Oklahoma, 1969; MBA, University Of Central Oklahoma, 1970; EdD, Oklahoma State University, 1971</td>
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<tr>
<td>Terrell, Robert L.</td>
<td>Business Administration, BBA, University of Oklahoma, 1969; MBA, University of Oklahoma, 1971; EdD, Oklahoma State University, 1992</td>
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<tr>
<td><em>Thompson, Sandra D.</em></td>
<td>Arts, Media &amp; Design, BM, Oklahoma City University, 1975; MMEd, University Of Central Oklahoma, 1984</td>
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<td><em>Tice, Deborah</em></td>
<td>Education, BS, University Of Central Oklahoma, 1991; M.Ed, University Of Central Oklahoma, 1992; PhD, Oklahoma State University, 2002</td>
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<tr>
<td>Tullis, Kim J.</td>
<td>Business Administration, BS, Southern Nazarene University, 1977; MBA, University of Houston, 1988; PhD, University of Arkansas, 1996</td>
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<td>Turner, Thomas R.</td>
<td>Mathematics and Science, BS, University of Washington, 1975; MS, Iowa State University, 1981; PhD, Iowa State University, 1987</td>
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<td><em>Vaughan, Danny</em></td>
<td>Arts, Media &amp; Design, BA, Oklahoma Christian University of Science and Arts, 1996; MM, University Of Central Oklahoma, 1997</td>
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<td>Vaughan, Theresa</td>
<td>Liberal Arts, BA, University of Michigan, 1990; MA, Indiana University, 1995; PhD, Indiana University, 1999</td>
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<td><em>Vaughn-Roberson, Glen</em></td>
<td>Liberal Arts, BA, Northwestern Oklahoma State University, 1968; MA, Oklahoma State University, 1972; PhD, Oklahoma State University, 1977</td>
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<tr>
<td><em>Viana, Jussara M.</em></td>
<td>BA, Portuguese/English Universidade Federal, Fluminense Rio De Janeiro, 1978; M.Ed, University Of Central Oklahoma, 1990</td>
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<tr>
<td><em>Villani, Shari</em></td>
<td>Education, BSED, Northwestern Oklahoma State University, 1971; M.Ed, University Of Central Oklahoma, 1993; EdD, Oklahoma State University, 1999</td>
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<tr>
<td>Von Minden, David L.</td>
<td>Mathematics &amp; Science, BS, Texas Tech University, 1966; PhD, University of Nebraska, 1970</td>
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<td>Voth, Bonnie L.</td>
<td>Education, BS, Central Missouri State University, 1972; MS, Northeastern Oklahoma State University, 1991; EdD, Oklahoma State University, 2002</td>
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<tr>
<td><em>Vu, Nicole</em></td>
<td>Mathematics and Science, BS, University of the Ozarks, 1980; BS, Arkansas State University, 1981; BS, University of Oklahoma, 1991; PhD, University of Oklahoma, 1998</td>
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<tr>
<td>Wakefield, Judith E.</td>
<td>Education, BSED, Emporia State University, 1971; PhD, University of Oklahoma, 1986</td>
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<td><em>Walderbach, Becky</em></td>
<td>Education, BAEd, Oklahoma Christian University of Science and Arts, 1987; M.Ed, University of Central Oklahoma, 1995</td>
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<tr>
<td><em>Walker, Anita</em></td>
<td>Education, BAEd, University of Central Oklahoma, 1966; MA, University of Central Oklahoma, 1978</td>
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<td>Wall, Ida Kay</td>
<td>Education, BS, University Of Central Oklahoma, 1968; MS, University Of Central Oklahoma, 1979; EdD, Oklahoma State University, 1988</td>
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<tr>
<td>Wallo, William M.</td>
<td>Arts, Media &amp; Design, BFA, School of the Art Institute of Chicago, 1965; MFA, Indiana University, 1968</td>
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<td>Ward, Sherry</td>
<td>Education, BS, Oklahoma State University, 1992; MS, Oklahoma State University, 1995</td>
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<td>Warning, Renee</td>
<td>Business Administration, BBA, University Of Central Oklahoma, 1984; MBA, University Of Central Oklahoma, 1986; EdD, Oklahoma State University, 1992</td>
</tr>
<tr>
<td>Warren, Clifton L.</td>
<td>Liberal Arts, BA, University of Richmond, 1952; MA, University of Richmond, 1954; PhD, Indiana University, 1962</td>
</tr>
<tr>
<td>Washington, Pamela</td>
<td>Liberal Arts, BA, Oklahoma State University, 1982; MA, Oklahoma State University, 1985</td>
</tr>
<tr>
<td>Waters, Marilyn B.</td>
<td>Education, BS, Oklahoma State University, 1981; MS, Oklahoma State University, 1985; PhD, Oklahoma State University, 1992</td>
</tr>
<tr>
<td>Watson, James R.</td>
<td>Arts, Media &amp; Design, BS, University of Texas at Austin, 1979; M.Ed, University of North Texas, 1982; PhD, University of North Texas, 1987</td>
</tr>
<tr>
<td>Webb, David D.</td>
<td>Liberal Arts, BA, Pepperdine University, 1962; MA, University of Oklahoma, 1962; PhD, University of Oklahoma, 1978</td>
</tr>
<tr>
<td><em>Webb, Keith</em></td>
<td>Arts, Media &amp; Design, BFA, University of Oklahoma, 1986; MA, University Of Central Oklahoma, 1996</td>
</tr>
<tr>
<td>Webster, Jesse A.</td>
<td>Arts, Media &amp; Design, BA, University Of Central Oklahoma, 1961; MTM, University Of Central Oklahoma, 1967; DMA, University of Oklahoma, 1978</td>
</tr>
<tr>
<td><em>Wells, Donald</em></td>
<td>Business Administration, BA, Eastern Kentucky University, 1972; MS, University of Kentucky, 1976; Ph.D, Texas A&amp;M, 1993</td>
</tr>
<tr>
<td>Wendling, Brent L.</td>
<td>Education, BA, Syracuse University, 1966; M.Ed, Bowling Green State University, Ohio, 1973; PhD, Bowling Green State University, Ohio, 1986</td>
</tr>
<tr>
<td>Westerman, John E.</td>
<td>Education, BA, Southeastern College of the Assemblies of God, 1968; MS, Northern Illinois University, 1972; EdD, Northern Illinois University, 1974; M.Ed, University Of Central Oklahoma, 1994</td>
</tr>
<tr>
<td>Wirt-Gray, Stacia</td>
<td>Business Administration, BS, University of Arizona, 1981; MBA, University of Arizona, 1985; PhD, University of Oklahoma, 1993</td>
</tr>
<tr>
<td>Wetsel, Jan</td>
<td>Education, BSED, Oklahoma Christian University, 1975; M.Ed, University Of Central Oklahoma, 1983</td>
</tr>
<tr>
<td><em>White, Greg</em></td>
<td>Arts, Media &amp; Design, BM, University of Central Oklahoma, 1992; MA, University of Central Oklahoma, 1994</td>
</tr>
<tr>
<td>Whitesell, Leon</td>
<td>Arts, Media &amp; Design, BM, University Of Central Oklahoma, 1966; MTM, University Of Central Oklahoma, 1968</td>
</tr>
</tbody>
</table>
*Williams, Connie M., Education, BA, Oklahoma State University, 1980; M.Ed, University Of Central Oklahoma, 1988
Williams, Janice K., Business Administration, BS, Oklahoma State University, 1969; MBA, University Of Central Oklahoma, 1981; EdD, Oklahoma State University, 1993
*Williams, Kathryn, Liberal Arts, BA, University of Oklahoma, 1975; MCJA, Oklahoma City University, 1980
Williams, Mary E., Business Administration, BSEd, Langston University, 1973; M.Ed, Northeastern Oklahoma State University, 1977; PhD, University of Oklahoma, 2001
Willis, P. Geoffrey, Business Administration, BS, Vanderbilt University, 1984; MS, Texas Tech University, 1992; PhD, Texas Tech University, 1994
Wilson, Gregory M., Mathematics and Science, BS, Central University of Iowa, 1991; MS, For Hays State University, 1994; PhD, Oklahoma State University, 2001
*Wilson, Janet, Mathematics and Science, BS, Hartwick College, 1966; MA, New York University, 1972; PhD, University of Oklahoma, 1999
Wilson, Weldon J., Mathematics and Science, BS, Oklahoma State University, 1973; PhD, Oklahoma State University, 1980
Wooden, Lori, Arts, Media & Design, BS, St. Cloud State University, 1980; MM, University of Minnesota, 1986; DMA, University of Wisconsin, Madison, 1996
Wright, Geraldine E., Education, BS, Phillips University, 1966; M.Ed, University of Oklahoma, 1972; PhD, University of Oklahoma, 1994

Y
Yates, James H., Mathematics and Science, BS, University Of Central Oklahoma, 1964; MS, Oklahoma State University, 1966; PhD, Oklahoma State University, 1969
Youll, Lorraine K., Education, BA, Missouri Southern State College, 1984; MA, University Of Central Oklahoma, 1988; PhD, University of Oklahoma, 1994
*Young, Donald A., Mathematics and Science, BS, Oklahoma State University, 1980; MS, Oklahoma State University, 1985
*Young, William C., Education, BS, University Of Central Oklahoma, 1972; M.Ed, University Of Central Oklahoma, 1977

Z
Zanowiak, Donna, Mathematics & Science, BS, University Of Central Oklahoma, 1983; MS, University Of Central Oklahoma, 1987; PhD, Texas A&M University, 1991
Zhu, Hong, Arts, Media & Design, BA, Central Conservatory of Music, Beijing, 1982; MM, Michigan State University, 1990; DMA, Michigan State University, 1994
Zhu, Zhen, Business Administration, BS, People's University of China, 1985; M, Bowling Green State University, 1987; PhD, University of Michigan, 1994
*Zimmerman, Mark, Arts, Media & Design, BA, University Of Central Oklahoma, 1993; M.Ed, University Of Central Oklahoma, 1999
Course Descriptions
## Graduate Course Descriptions

### Key to Course Prefixes

**Colleges:**
- CAMD-College of Arts, Media & Design
- BADM-College of Business Administration
- EDUC-College of Education
- CLA-College of Liberal Arts
- CM&S-College of Mathematics and Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Department, College</th>
</tr>
</thead>
<tbody>
<tr>
<td>HES</td>
<td>Human Environmental Science, Human Environmental Sciences, COE</td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities, Humanities and Philosophy, CLA</td>
</tr>
<tr>
<td>ISOM</td>
<td>Information Systems and Operations Management, Information Systems and Operations Management, BADM</td>
</tr>
<tr>
<td>IME</td>
<td>Instructional Media Education, Advanced Professional Services, COE</td>
</tr>
<tr>
<td>JAPN</td>
<td>Japanese, Modern Languages, Literatures and Cultural Studies, CLA</td>
</tr>
<tr>
<td>JOUR</td>
<td>Journalism, Journalism, CLA</td>
</tr>
<tr>
<td>KINS</td>
<td>Kinesiology, Kinesiology and Health Studies, COE</td>
</tr>
<tr>
<td>LATN</td>
<td>Latin, Modern Languages, Literatures and Cultural Studies, CLA</td>
</tr>
<tr>
<td>LS</td>
<td>Legal Studies, General Business, BADM</td>
</tr>
<tr>
<td>MGMT</td>
<td>Management, Management, BADM</td>
</tr>
<tr>
<td>MRKT</td>
<td>Marketing, Marketing, BADM</td>
</tr>
<tr>
<td>MATH</td>
<td>Mathematics, Mathematics &amp; Statistics, CM&amp;S</td>
</tr>
<tr>
<td>MUS</td>
<td>Music, Music, CAMD</td>
</tr>
<tr>
<td>MUED</td>
<td>Music Education, Music, CAMD</td>
</tr>
<tr>
<td>MPER</td>
<td>Music Performance, Music, CAMD</td>
</tr>
<tr>
<td>NURS</td>
<td>Nursing, Nursing, CM&amp;S</td>
</tr>
<tr>
<td>NTRN</td>
<td>Nutrition, Human Environmental Sciences, COE</td>
</tr>
<tr>
<td>OCTE</td>
<td>Occupational and Technology Education, Occupational and Technology Education, COE</td>
</tr>
<tr>
<td>PHIL</td>
<td>Philosophy, Humanities and Philosophy, CLA</td>
</tr>
<tr>
<td>PHED</td>
<td>Physical Education, Kinesiology and Health Studies, COE</td>
</tr>
<tr>
<td>PHY</td>
<td>Physics, Physics and Engineering, CM&amp;S</td>
</tr>
<tr>
<td>POL</td>
<td>Political Science, Political Science, CLA</td>
</tr>
<tr>
<td>PTE</td>
<td>Professional Teacher Education, Professional Teacher Education, COE</td>
</tr>
<tr>
<td>PSY</td>
<td>Psychology, Psychology, COE</td>
</tr>
<tr>
<td>READ</td>
<td>Reading, Special Services, COE</td>
</tr>
<tr>
<td>REC</td>
<td>Recreation, Kinesiology and Health Studies, COE</td>
</tr>
<tr>
<td>SFTY</td>
<td>Safety, Occupational and Technology Education, COE</td>
</tr>
<tr>
<td>SOST</td>
<td>Social Studies, Sociology, Criminal Justice and Substance Abuse Studies, CLA</td>
</tr>
<tr>
<td>SOC</td>
<td>Sociology, Sociology, Criminal Justice and Substance Abuse Studies, CLA</td>
</tr>
<tr>
<td>SPAN</td>
<td>Spanish, Modern Languages, Literatures and Cultural Studies, CLA</td>
</tr>
<tr>
<td>SLP</td>
<td>Speech, Language Pathology, Special Services, COE</td>
</tr>
<tr>
<td>SPED</td>
<td>Special Education, Special Services, COE</td>
</tr>
<tr>
<td>STAT</td>
<td>Statistics, Mathematics and Statistics, CM&amp;S</td>
</tr>
<tr>
<td>SAS</td>
<td>Substance Abuse Studies, Sociology, Criminal Justice and Substance Abuse Studies, CLA</td>
</tr>
<tr>
<td>TESL</td>
<td>Teaching English as a Second Language, Curriculum and Instruction, COE</td>
</tr>
<tr>
<td>THRT</td>
<td>Theatre, Theatre, Dance and Media Arts, CAMD</td>
</tr>
</tbody>
</table>
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>ACCOUNTING (ACCT)</th>
<th>Department of Accounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 5000 - Workshop In Accounting</td>
<td>Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>ACCT 5103 - Contrlr &amp; Dec Acctg</td>
<td>Students examine the conceptual and technical issues involved in applying accounting information needs of managers. Primary emphasis is on managerial decision making, planning, controlling, and evaluating performance. Prerequisite(s): Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>ACCT 5113 - Accounting Theory</td>
<td>Provides a frame of reference in financial accounting theory, origin and development of accounting practices, and a critical study of current accounting theory. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 3213 and ACCT 3233.</td>
</tr>
<tr>
<td>ACCT 5213 - Current Topics In Accounting</td>
<td>A course to provide the student with knowledge and insight to current problems and/or new areas of concern emerging in the field of accounting. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 3213 and ACCT 3233.</td>
</tr>
<tr>
<td>ACCT 5313 - Current Issues In Taxation</td>
<td>Analysis of corporate partnerships; federal tax situations involving estate and trust, with emphasis on research and planning. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 3213 and ACCT 3233.</td>
</tr>
<tr>
<td>ACCT 5423 - Current Issues In Auditing</td>
<td>A graduate course designed to challenge the graduate student to consider philosophies and concepts of accounting and auditing; to understand the current developments, threats and attributes of the profession. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 4363.</td>
</tr>
<tr>
<td>ACCT 5900 - Practicum In Accounting</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ACCT 5910 - Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ACCT 5930 - Individual Study In Accounting</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ACCT 5950 - Internship</td>
<td>One to eight hours credit; subject matter will vary within the departments field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>ACCT 5960 - Institute In Accounting</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ACCT 5970 - Study Tour</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ACCT 5990 - Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
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</table>

### ADULT EDUCATION (ADED) | Department of Occupational and Technology Education |
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>ADED 5000 - Workshop In Adult Education</td>
<td>Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>ADED 5073 - Man Adlt Ed/Comm Ser</td>
<td>Organization and administration of adult programs with emphasis on assessing needs, planning staff development, fiscal operations, facilities, evaluation, and maintenance of effective community relations.</td>
</tr>
<tr>
<td>ADED 5122 - Found Trng and Devel</td>
<td>Designed to provide an overview of the training and development field. The major emphasis is on the roles and responsibilities of training and development personnel, the structure of departments housing the training and development function, and how training and development personnel identify and provide for training needs.</td>
</tr>
<tr>
<td>ADED 5132 - Hist &amp; Phil Adult Ed</td>
<td>Overview of the historical development of adult education, current programs of adult education abroad and in the United States, nature of adult groups, present trends and future developments, organization and administration, and the philosophy of adult education.</td>
</tr>
<tr>
<td>ADED 5313 - Techniques Of Teaching Adults</td>
<td>This course will improve an adult educator’s skills in teaching/adult learners in an education and/or business setting. Emphasis will be placed on the functions of planning, organizing, conducting, and evaluating the instructional process of adult education and training programs.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

**ADED 5342 - Consltg Ski Trng/Dev**
Examines the internal and external consulting roles of the training and development professional. Topics include an overview of the consulting process, conducting contracting meetings, understanding and dealing with resistance, gathering data, and conducting feedback meetings. Responding to requests for proposals, writing proposals, developing budgets, and determining the cost benefits of training will also be examined.

**ADED 5423 - Instr Eval Trng/Dev**
Examination of techniques for the evaluation of training and vocational-technical education with special emphasis on the development and administration of valid and reliable knowledge-based and performance-based tests.

**ADED 5432 - Hum Rel Traing/Devel**
This course will examine the role of human relations in organizations with particular emphasis on the training and development function. Topics addressed include communications, attitudes, positive self-concept, communication styles, motivation, values, emotional control, positive reinforcement, team building, and conflict management.

**ADED 5453 - Psych Of Adult Devel**
This course is designed to trace the development of the individual from early adulthood through aging. The developmental process to be considered will include young adulthood, marriage and the family, work leisure and retirement, aging and theories of aging.

**ADED 5531 - Needs Analysis**
This course represents a study focusing on the process of analyzing performance problem(s) at organizational, process, and worker levels to provide a composite picture of those requiring training and the nature and content of that training. Prerequisite(s): OCTE 4122, 4853 or 4883.

**ADED 5541 - Occup Train Analysis**
This course focuses on the process of analyzing workplace requirements and identifying the knowledge, skills, and attitudes necessary for new and existing duties within occupations.

**ADED 5823 - Nat & Char Adult Lrn**
This course will familiarize the student with adult learning theories and their implications for the education of adults. Emphasis in the course content is based on the application of the psychological, sociological and physiological characteristics of adult learners, the implementation and integration of the 4MAT system of instruction, the changing trends and demographics in society and the effects on adult learning, and the life-cycles and stages of adult learners as they relate to the learning environment.

**ADED 5883 - Transformational Learning**
This course is designed to familiarize the students with interactive/collaborative methods of teaching which focus on the theory and process of transformative learning and its relationship to current adult education learning methodologies. Prerequisite(s): Enrollment is open to Adult Education majors only.

**ADED 5893 - Capstone: Adult Educ/Training**
This course is designed to provide the culminating experience for candidates completing the M.Ed. in Adult Education/Training option. The candidate will complete a scholarly paper, training presentation, and poster presentation, integrating basic theory related to adult education in each scholarly activity. Prerequisite(s): PTE 5013, ADED 5132, 5313, 5823. Enrollment is open to Adult Education/Training majors only.

**ADED 5900 - Practicum In Adult Education**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ADED 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ADED 5930 - Individual Study**
Credit varies from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area to be studied and permission of graduate advisor.

**ADED 5950 - Internship In Adult Education**
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**ADED 5960 - Institute In Adult Education**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**ADED 5970 - Study Tour In Adult Education**
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.

**ADED 5980 - Project In Adult Education**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**ADED 5990 - Thesis In Adult Education**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**ART (ART)**
Department of Art

**ART 5000 - Workshop In Art And Design**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
<table>
<thead>
<tr>
<th>ART 5023 - Enameling</th>
<th>ART 5152 - Watercolor</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course offers study of materials and techniques used in 2-D and 3-D enameled metal design. Prerequisite(s): Six hours of art or design.</td>
<td>This course offers graduate study in advanced watercolor techniques. Students will create original paintings in watercolor, acrylics, or any waterbased paint medium. Prerequisite(s): ART 1023, 1082 &amp; 2202.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5033 - Furniture As Art</th>
<th>ART 5173 - Ceramics III</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course integrates sculptural concepts with the design of functional furniture. Methods and materials used facilitate the harmonious balance between utility and art. Prerequisite(s): ART 3053.</td>
<td>This course is for the graduate student with advanced experience and skill level in ceramic medium. Students research and experiment with clay formulation, glazes, firing techniques and ceramic forms. Prerequisite(s): ART 2703, 2803,</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5043 - Photo Composition</th>
<th>ART 5203 - Advanced Painting</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course offers the study of photography as an art form. Students develop their visual perception using the camera, explore creative darkroom techniques, participate in an exhibition, and produce a portfolio of photographs. Prerequisite(s): JOUR 1123, three hours of art.</td>
<td>This course offers advanced graduate study in a wide range of painting techniques. Students will create original painting in oil, acrylic, and/or water based medium. Prerequisite(s): ART 3603 Painting II.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5053 - Native American Art</th>
<th>ART 5213 - Sculpture III</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course covers the evolution of Native American art from pre-history roots through contemporary expression. Prerequisite(s): Graduate standing.</td>
<td>The individual expressions and techniques in various three-dimensional materials such as wood, metal, stone, and other plastic materials. Prerequisite(s): ART 3053.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5063 - Mural Painting I</th>
<th>ART 5223 - West African Art</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course offers graduate study in the design and painting of large murals. Students participate in on-site planning, equipment preparation and community involvement. Prerequisite(s): Graduate standing in Art and permission of instructor.</td>
<td>This course explores the social, religious, and political influences on the creation of the arts of Africa. Arts from Western Nigeria to Guinea are discussed in relation to stylistic and functional similarities and differences.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5103 - Etching</th>
<th>ART 5233 - Central African Art</th>
</tr>
</thead>
<tbody>
<tr>
<td>A study in the intaglio process exploring such basic techniques as etching, drypoint, aquatint, inkless intaglio, and mezzotint. Prerequisite(s): ART 3603.</td>
<td>This course explores the social, religious, and political influences on the creation of the arts of Africa. Arts from Central Africa from Eastern Nigeria to South Africa are discussed in relation to stylistic and functional similarities and differences.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5113 - Lithography</th>
<th>ART 5253 - Glass Design II</th>
</tr>
</thead>
<tbody>
<tr>
<td>A course in the basic planographic printing techniques. Printing surfaces such as stone, metal, and paper will be explored. Prerequisite(s): ART 3603.</td>
<td>This course offers graduate-level study of advanced flat glass fabrication techniques. Students develop skill in the appropriate choice of materials, and apply art elements and principles to create original designs in glass. Prerequisite(s): ART 5143 plus six hours of art.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5123 - Serigraphy</th>
<th>ART 5263 - Ceramics IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>The course explores advanced techniques in the screen printing (silk screen) process of printmaking. Prerequisite(s): ART 1063.</td>
<td>This course is for the graduate student with advanced experience and skill level in ceramic medium. Students research and experiment with clay formulation, glazes, firing techniques and ceramic forms. Prerequisite(s): ART 2703, 2803, 3173.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5133 - Digital Printmaking</th>
<th>ART 5273 - Relief Printmaking</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course is a study of the use of the computer and other related hardware in the creation of fine art multiples. Each student will create limited edition prints using the computer and various computer printers. Prerequisite(s): ART 1042 and 1082.</td>
<td>This course offers in-depth graduate advanced study in relief printmaking techniques including woodcut, linoileum block, collagraph and monotype processes. Prerequisite(s): Graduate standing.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ART 5143 - Glass Design I</th>
<th></th>
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</thead>
</table>
Graduate Course Descriptions

ART 5303 - History And Criticism Of Art
This course provides an opportunity for extended study of past and contemporary art history with a critical analysis of art content and methods. Prerequisite(s): ART 1112, 3153, 4303.

ART 5313 - Survey Of Art History II
Important movements and leaders in art since 1650 A.D.; their influence upon modern life; forces and trends in the contemporary field. Prerequisite(s): ART 1112.

ART 5343 - Multicultural Art
This course offers a study of the cultural and historical significance of the art from various cultures. Symbols that are common to cultures throughout the world will be discussed in relation to their meanings and possible origins.

ART 5353 - The Business Of Art
Students will develop business skills needed to successfully market artwork, i.e.: grant writing, record-keeping, developing a portfolio and resume, exhibiting, targeting art markets, and understanding tax requirements. Prerequisite(s): Three hours of art.

ART 5363 - Art by Women
This course offers study in the visual art contributions of women. Historical, cultural, and political influences on women’s art are examined.

ART 5373 - Intro To Art Therapy
This course will provide a general overview of the foundation and theories of art therapy and is a required course for art therapy registration and certification. Prerequisite(s): Three hours of art and three hours of psychology.

ART 5403 - Adv Vsl Arts-El Sch
Development of sequential skills and concepts in the visual arts for elementary schools; survey factors of discipline-based art education (production, criticism, aesthetics, and history.) Prerequisite(s): ART 3803.

ART 5413 - Advanced Jewelry
Advanced study in jewelry using the casting processes. The development and production of jewelry with this method. Prerequisite(s): ART 3463.

ART 5423 - Fiberarts
This course offers Graduate level study of a wide range of fiberart techniques, such as papermaking, feltmaking, and book arts. Students create original, expressive 2-D and 3-D designs in fiber medium. Prerequisite(s): ART 3414.

ART 5433 - Weaving
With instructor-direction, students will develop a plan for advanced research and saturation in weaving design. Options will be chosen according to student’s interest, such as weaving for interior design, application to teaching multicultural design, or for personal expression. Prerequisite(s): ART 3403 Weaving.

ART 5443 - Photo: Special Projects
This course offers graduate study in a wide range of photographic techniques. Students will create original photographs with both silver and non-silver processes. Prerequisite(s): Three hours photography including darkroom experience.

ART 5463 - Media In Art Therapy
This course is designed to acquaint the student with the therapeutic qualities of media as used in clinical and art therapeutic applications. In addition, technical and safe uses of the media will be discussed. Strong emphasis will be placed on defining art therapy as process. Individual research in art therapy techniques and media is required. Prerequisite(s): 3 hours of art and 3 hours of psychology or sociology.

ART 5473 - Art Thrpy Proc/Prod
This course will provide an overview of the foundation and theories of art therapy and is a required course for art therapy registration and certification. The course concentrates on the therapeutic benefits of the creative process and product. Prerequisite(s): Three hours of art and three hours of psychology.

ART 5503 - Ceramic Tech & Devel
An extended study of creative experiences in a variety of materials and methods used in the teaching of ceramics in art education. Prerequisite(s): ART 4653.

ART 5522 - Art Presentation And Display
This class will explore a variety of basic art presentation and display techniques. Each student will learn about and experience various ways to present a variety of artwork. Techniques in mounting, matting, shrink wrapping, laminating, and framing will be covered. Each student will actually use these and other techniques to protect, preserve and display works of art. Each student must supply a variety of artwork for presentation preparation.

ART 5553 - Photographing Art
This course offers graduate study in photographing works of art. Topics include cameras, film, and lighting of 2D and 3D works of art. A variety of film types are used to ensure faithful color and exposure accuracy. Prerequisite(s): Graduate standing.

ART 5600 - Studio Art
Credit varies from 1 to 4 hours. Prerequisite(s): Written permission.
ART 5623 - Adv Form and Surface Design
An in-depth study of specialized techniques used in three-dimensional form or surface design is offered by skilled guest artists. Integration of studio visual art specializations and design concepts is emphasized.

ART 5653 - Ceramics II
Advanced techniques in hand-built and wheel-thrown forms. Lay body preparation and formulation. Development of glaze and advanced techniques in its application. Supervision in firing techniques. Prerequisite(s): ART 3703.

ART 5703 - Art In America
A progress study of the cultural arts in America by surveying architecture, sculpture, painting, minor arts, and artists from America’s beginning history throughout the years of growing American art. Prerequisite(s): ART 1112.

ART 5833 - Exhibit Presentation
The goal of this course is to integrate exhibit design and project management into a practical medium with which the creative artist, historian, interior designer, marketer, and media specialist can impact their chosen audience. Exhibit design and its related presentation forms thereby become a vital medium for audience delivery and offer a unified context for these interdisciplinary skills to be developed into collaborative end product.

ART 5842 - Elem Art Educ Methods/art maj
Students develop a sequential discipline-based Art Education curriculum for elementary schools. Prerequisite(s): Graduate standing.

ART 5853 - Sec Art Educ Methods/art major
Curriculum materials for secondary school art will be developed and sequentially organized. Presentation techniques are practiced. Prerequisite(s): Graduate standing.

ART 5900 - Practicum In Art And Design
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ART 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems of special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

ART 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area to be studied, and permission of graduate advisor.

ART 5950 - Internship In Art And Design
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

ART 5960 - Institute In Art And Design
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ART 5970 - Study Tour In Art And Design
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

ART 5990 - Thesis In Art And Design
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

BUSINESS ADMINISTRATION (BADM)
Department of Business Administration

BADM 5000 - Workshop
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

BADM 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

BADM 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

BADM 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

BADM 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

BADM 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

BADM 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

BUSINESS COMMUNICATION (BCOM)
Department of General Business

BCOM 5000 - Workshop
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
### Graduate Course Descriptions

**BCOM 5303 - Business Research Methods**  
Concepts and methods of the scientific research process: defining the problem; stating the hypothesis; designing the investigation; developing the proposal; collecting, organizing, presenting, analyzing, and interpreting the data; and reporting the results in both written and oral forms. Prerequisite(s): Completed all prerequisites for the MBA Program.

**BCOM 5323 - Comm & Bus Behavior**  
Application of contemporary management and behavioral theories to interpersonal group communication within business organizations. Prerequisite(s): Completed all prerequisites for the MBA Program.

**BCOM 5900 - Practicum**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**BCOM 5910 - Seminar / Special Topics**  
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

**BCOM 5930 - Ind Study**  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

**BCOM 5950 - Internship**  
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**BCOM 5960 - Institute**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**BCOM 5970 - Study Tour**  
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**BCOM 5990 - Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**BIOLOGY (BIO) Department of Biology**

**BIO 5000 - Workshop In Biology**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**BIO 5012 - Intro To Bio Researc**  
The course is designed to guide the beginning graduate student through elementary experimental design, data collection and analysis, and the subsequent writing of a scientific research proposal. In addition, the course will provide an introduction to the biological literature and to bibliographic search strategies for finding relevant, published information in a library. Prerequisite(s): Minimum 18 hours of biological science.

**BIO 5024 - Freshwater Biology**  
A study of the origins and varieties of the world’s Freshwater Biota and the special adaptations relative to that environment. The physical and chemical parameters of the freshwater environment will also be considered. Extensive field work required. Concurrent enrollment in Biology 5024L is required. Prerequisite(s): 12 hours of Biology.

**BIO 5024L - Freshwater Biology Lab**  
Lab for BIO 5024 Freshwater Biology.

**BIO 5103 - History Of Biology**  
The origin and growth of biological thought and the people associated with it. The philosophy and development of scientific thought resulting in changing paradigm leading to the scientific method and modern experimental science. Prerequisite(s): 12 hours of biological science including 3 hours of courses numbered in the 3000 level or above.

**BIO 5113 - Biogeography**  
Study of the distribution of organisms, both past and present. Includes concepts from ecology, evolution, and systematics. Prerequisite(s): 12 hours in Biology, including a course in Ecology and permission of instructor.

**BIO 5124 - Herpetology**  
Amphibians and reptiles: their evaluation, morphology, taxonomy, ecology, physiology and behavior. Concurrent enrollment in BIO 5124L is required. Prerequisite(s): 15 hours of Biological Science and BIO 2263.

**BIO 5124L - Herpetology Lab**  
Lab for BIO 5124 Herpetology. Prerequisite(s): 12 hours of Biology and BIO 1404.

**BIO 5204 - Plant Ecology**  
Principles of vegetation analysis and the interaction of plants with their environment. Characterization of important biomes (grassland, deciduous forest, etc.) with investigations at the population, community and ecosystem levels. BIO 5204L, which includes field work, must be taken concurrently. Prerequisite(s): 12 hours of Biological Science, including BIO 2263.

**BIO 5204L - Plant Ecology Lab**  
Lab for BIO 5204 Plant Ecology. Prerequisite(s): 12 hours of Biology and BIO 1404.

**BIO 5254 - Animal Behavior**  
A study of the genetic, physiological, ecological, and evolutionary basis of behavior with emphasis on adaptation of behavioral processes. Methods of studying behavior are considered. BIO 5254L, which includes field work, must be taken concurrently. Prerequisite(s): 12 hours of Biological Science, including BIO 1404.
Graduate Course Descriptions

BIO 5254L - Animal Behavior Lab
Lab for BIO 5254.

BIO 5264 - Mammalogy
Mammals: their taxonomy, anatomy, ecology, distribution, behavior and natural history. The course consists of three hours lecture and three hours laboratory per week. BIO 5264L, which includes fieldwork, must be taken concurrently. Prerequisite(s): 12 hours of Biology including BIO 1404.

BIO 5264L - Mammalogy Lab
Lab for BIO 5264.

BIO 5294 - Plant Taxonomy
Classification of the vascular plants with emphasis on distribution and identification of local flowering plants. IO 5294L, which includes field work, must be taken concurrently. Prerequisite(s): 12 hours of Biology including BIO 1304.

BIO 5294L - Plant Taxonomy Lab
Lab for BIO 5294.

BIO 5303 - Physio/Biochem Adapt
A comprehensive study of the physiological and biochemical strategies which help organisms adapt to various environmental conditions. Prerequisite(s): One course in Organic Chemistry and 12 hours of Biological Science to include at least one advanced class in Cell Physiology, Cell Biology or Biochemistry.

BIO 5324 - Marine Biology
A survey of marine life, with emphasis on community relationship, ecological factors in different habitats, and their influence on the distributions, abundance, and adaptations of marine organisms. BIO 5324L, which includes a coastal field trip, is required and must be taken concurrently. Prerequisite(s): 12 hours Biology, including BIO 2263.

BIO 5324L - Marine Biology Lab
Lab for BIO 5324.

BIO 5334 - Environmental Microbiology
This course is an advanced study in microbiology dealing with the use of microorganisms to mineralize, detoxify and degrade environmental contaminants. This course will study the mechanisms and processes by which microorganisms are involved in the treatment of sewage, identification of waterborne microbial diseases. The course will investigate the remediation of heavy metal contaminated soils. Laboratory exercises will enable students to become familiar with and to use standard tests for the analysis of water and wastewater and the biodegradation of environmental pollutants. Prerequisite(s): Graduate standing and BIO 1404, 1304, 2314, 2263, CHEM 1103, 1223, 3303.

BIO 5354 - Plant Anatomy
Advanced studies of vascular plant cell and tissue types will be pursued. Anatomical studies will focus on structure and function of developing and mature roots, stems, and leaves, as well as introductory studies of flowers and seeds. BIO 5354L must be taken concurrently. Prerequisite(s): BIO 1304, BIO 2203, and BIO 2314.

BIO 5354L - Plant Anatomy Lab
Lab for BIO 5354.

BIO 5443 - Microtechnique
The course is designed to introduce the graduate student to manual and machine techniques of tissue processing and staining procedures. Microphotography, phase and fluorescence microscopy are also included. Prerequisite(s): Minimum 12 hours of biological science. BIO 5443L must be taken concurrently.

BIO 5443L - Microtechnique Lab
Lab for BIO 5443.

BIO 5504 - Mycology
A general survey covering the morphology, physiology, ecology, reproduction, and economic importance of fungi, including those of medical importance, with laboratory experience in their collection, cultivation, and identification. BIO 5504L must be taken concurrently. Prerequisite(s): 12 hours Biology including BIO 1304 and BIO 2314.

BIO 5504L - Mycology Lab
Lab for BIO 5504.

BIO 5524 - Aquatic Entomology
A study of the taxonomy, morphology, ecology, and evolution of aquatic insects occurring in North America. Laboratory will emphasize collection and identification of aquatic insects. A collection is required. Concurrent enrollment in BIO 5524L is required. Prerequisite(s): 15 hours of Biological Science including BIO 1404.

BIO 5524L - Aquatic Entomology Lab
Special lab for BIO 5524.

BIO 5603 - Adv Mammalian Phys I
A comprehensive survey of basic physiological properties of living systems, detailed study of the nervous, muscular, and cardiovascular systems, with human emphasis. Prerequisite(s): 12 hours of Animal Biology, including BIO 2604, CHEM 3303 or CHEM 3403; Physics strongly recommended.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
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</thead>
<tbody>
<tr>
<td>BIO 5613</td>
<td>Adv Mammalian Phys II</td>
<td>Mammalian metabolism, an integrated and detailed study of the function of respiratory, digestive, excretory, reproduction and endocrine systems of mammals including human physiology. Prerequisite(s): 12 hours of Animal Biology including BIO 2604 and CHEM 3303 or CHEM 3403, Physics strongly recommended.</td>
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<tr>
<td>BIO 5633</td>
<td>Scanning Electron Microscopy</td>
<td>This course is a study of the theory and principles of Scanning Electron Microscopy. Topics include sample preparation, critical point drying, sputter coating, and operation of scanning electron microscope. Laboratory exercises will enable students to become proficient in the operation of the SEM and supporting instrumentation. Prerequisite(s): BIO 1304, 1404, 2314 and 12 hours of Biology electives.</td>
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</tr>
<tr>
<td>BIO 5653</td>
<td>Evolution</td>
<td>With emphasis on the importance of these as unifying concepts of biology. Both historical and modern concepts are incorporated. Prerequisite(s): 12 hours of Biological Science to include BIO 2233. Ecological background recommended.</td>
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</tr>
<tr>
<td>BIO 5723</td>
<td>Biometrics</td>
<td>This course will focus on univariate and selected multivariate statistical techniques used in Biology. Emphasis will be on data collection, presentation, hypothesis formation and testing. Computer data analysis will also be introduced. Prerequisite(s): 15 hours of Biology and MATH 1513.</td>
<td></td>
</tr>
<tr>
<td>BIO 5743</td>
<td>Molecular &amp; Population Genetics</td>
<td>An advance study of the major topics in modern genetic theory and research including behavior, developmental, molecular, and immunogenetics. A background in genetics and chemistry is required. Prerequisite(s): BIO 2233 or BIO 3304 and CHEM 3303.</td>
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</tr>
<tr>
<td>BIO 5763</td>
<td>Biology Of Cancer</td>
<td>This course is designed to develop students’ understanding of the structure, function and reproduction of normal cells and how cancer cells are different. Classification and naming of neoplasms (tumors and cancers) and spread of cancer (invasion and metastasis) will be discussed. Physical, chemical and biological agents responsible for transformation and mechanisms of oncogenesis will be examined. The clinical aspect so cancer will be characterized and methods of treatment will be included. Prerequisite(s): 15 hours of Biology including BIO 2314.</td>
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</tr>
<tr>
<td>BIO 5843</td>
<td>Virology</td>
<td>A detailed study of the nature and structure on host cells. Included will be the viral genetics, molecular cloning, pathogenesis of viral diseases, mechanism of host resistance and a survey of tumor and cancer causng viruses. Concurrent enrollment in BIO 5843L is required. Prerequisite(s): 12 hours of Biology including BIO 2314.</td>
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</tr>
<tr>
<td>BIO 5843L</td>
<td>Virology Lab</td>
<td>Special lab for BIO 5843.</td>
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</tr>
<tr>
<td>BIO 5853</td>
<td>Gen Meth Tch Science</td>
<td>An advanced course in the special problems associated with the teaching of secondary science. The development of an appropriate philosophy and a variety of teaching methods will be stressed. Prerequisite(s): Admission to teacher education is required plus 24 hours of Science courses.</td>
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<tr>
<td>BIO 5853L</td>
<td>Gen Meth Tch Sci Lab</td>
<td>Lab for BIO 5853.</td>
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</tr>
<tr>
<td>BIO 5900</td>
<td>Practicum In Biology</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>BIO 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>BIO 5930</td>
<td>Individual Study In Biology</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>BIO 5950</td>
<td>Internship In Biology</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
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<tr>
<td>BIO 5960</td>
<td>Institute In Biology</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>BIO 5970</td>
<td>Study Tour</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>BIO 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
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</tr>
<tr>
<td>CHEM 5000</td>
<td>Workshop In Chemistry</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
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<tr>
<td>CHEM 5103</td>
<td>Biochemistry II</td>
<td>Metabolic pathways and their regulation are studied, emphasizing enzyme reactions and regulation in mammalian systems. Topics include energy pathways, synthetic pathways, and the balancing of tissue needs via hormonal regulation. Each student will complete a paper on the use of enzymes</td>
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</table>
or related proteins in forensic investigations. The instructor and the student will collaborate on the selection of the research topic; the approach may be historical, molecular biological, or biochemical, but the work must include a hypothesis originated and developed by the student. Prerequisite(s): CHEM 3403; CHEM 3323 and BIO 2203 are strongly recommended.

**CHEM 5253 - Forensic Sci Analysis & Lab**
This course provides an introduction to classical and modern forensic science laboratory techniques with emphasis on the theory of modern analytical instrumentation and application to solving forensic problems. Techniques covered include latent fingerprints, textile fibers, poisons and drugs, tool mark and firearm characterization, DNA analysis, and quantitative determination of alcohol and drugs in blood. Concurrent enrollment in CHEM 5253L is required. Prerequisite(s): CHEM 3403 Biochemistry I and CHEM 3454 Fundamentals of Instrumental Analysis and Laboratory.

**CHEM 5253L - Forensic Sci Analysis Lab**
Laboratory to accompany CHEM 5253. Concurrent enrollment in CHEM 5253 is required.

**CHEM 5454 - Adv Instr Analysis & Lab**
This course is a detailed study of modern analytical instruments with emphasis on the theory, design, applications and interpretation of data obtained from these instruments. Instrumental methods used will include electroanalytical and thermal analysis, NMR, atomic absorption, emission, x-ray and Raman spectroscopy, radiochemistry and selected chromatographic methods. Prerequisite(s): CHEM 3454; CHEM 3602 or concurrent enrollment.

**CHEM 5454L - Adv Instr Analysis Lab**
The laboratory course to accompany CHEM 5454. Concurrent enrollment in CHEM 5454 is required.

**CHEM 5603 - Advanced Organic Chemistry**
A continuation of CHEM 3303 - CHEM 3323 sequence, intended primarily to provide a core graduate-level course in organic chemistry. Emphasis is on theoretical organic chemistry, especially mechanisms of organic reactions and the evidence that supports them, including molecular orbital theory, stereochemistry, kinetics, and thermodynamics. Prerequisite(s): CHEM 3323 and CHEM 3503 or concurrent enrollment.

**CHEM 5900 - Practicum In Chemistry**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**CHEM 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): CHEM 3323.

**CHEM 5930 - Individual Study In Chemistry**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**CHEM 5950 - Internship In Chemistry**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**CHEM 5960 - Institute In Chemistry**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**CHEM 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**CHEM 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**CHINESE (CHIN)**
Department of Modern Languages, Literature & Cultural Studies

**CHIN 5000 - Workshop In Chinese**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**CHIN 5900 - Practicum In Chinese**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**CHIN 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary from within the department’s field of study.

**CHIN 5930 - Individual Study In Chinese**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**CHIN 5950 - Internship In Chinese**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**CHIN 5960 - Institute In Chinese**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**CHIN 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**CHIN 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
CRIMINAL JUSTICE (CJ)
Department of Sociology/Criminal Justice/Substance Abuse Studies

CJ 5000 - Workshop In Criminal Justice
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speakers, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

CJ 5013 - Juv Justice Sys Mgt And Adm
The juvenile justice system in America will be explored in depth from juvenile intake into the system to final disposition. Juvenile and police relations, the juvenile court process, juvenile law, juvenile rights, and the organizations, management and administration of juvenile bureaus will be covered. Operating juvenile systems will be studied and compared both on a national and international basis.

CJ 5023 - Police Community Relations
Examination of factors contributing to friction or cooperation between law enforcement personnel and the community with emphasis on minority groups, political pressures and cultural problems. Community organizations and social responsibility of law enforcement.

CJ 5033 - Crit Issues In Crim Justice
The object of this course is to present to the student major critical issues facing the criminal justice system in America. Major emphasis will be placed on the making of criminal law, police power in a democratic society, problems within the court and the correctional process in America. The course intends to develop an understanding in depth on the part of the student concerning major critical issues in the area of criminal justice.

CJ 5043 - Modern Criminal Investigations
This course is designed to combine the practical and theoretical aspects of criminal investigations; develop an analytical and practical understanding of the investigative process and explore future predictions of crime solving technology and techniques from a law enforcement perspective. Prerequisite(s): POL 3613.

CJ 5053 - Crim Justice Systems Mgt/Adm
The criminal justice process in America will be viewed in depth from a systems approach. Areas to be covered are: (1) criminal justice as a manageable system, (2) systems as an approach to management, (3) systems management modeling, (4) criminal justice organizational consideration, and (5) making the criminal justice model go systematically.

CJ 5063 - Innov Corrections And Penology
This course will be designed to explain the needs for research and the interpretation of data in the criminal justice system. Emphasis will be placed on planning, interpretation, implementation, and evaluation of programs in corrections and penology. The remainder of the course will focus on new and innovative programs in corrections and penology.

CJ 5073 - Elements Of Criminal Offenses
This course will examine the foundations of American jurisprudence and the enactments of criminal offense statutes. The elements of and defenses to inchoate offenses, offenses against persons, crimes against persons, crimes against morality, alcohol/drug offenses, white collar/organized crime, offenses against public health, offenses against public order and offenses against justice and public order will be reviewed in detail as well as other miscellaneous crimes, statutes and important appellate court cases. Prerequisite(s): POL 3613.

CJ 5093 - Police Systems Mgt And Adm
The police process in America will be viewed from a systems approach. Police activity represents only one aspect of the total criminal justice process. Areas to be covered: (1) police systems management and administration, (2) behavioral science application to police management, (3) police management and administration tasks, (4) systems analysis for police, (5) organizational development and managerial functions, and (6) police productivity.

CJ 5113 - Research Method Crim Justice
This course is primarily designed to acquaint students with basic research methodology and statistics peculiar to the field of criminal justice. It will be a tool which can be used to study problems in applied research.

CJ 5123 - The Jury System
This course is designed to provide an in-depth study of the processes and procedures of a jury trial in the American criminal justice system. The course will cover: the origin of juries, how jury panels are developed, how juries are selected, the criminal trial court procedures during trial, the legal right of an accused during a trial, a brief overview of the appellate court system for criminal cases.

CJ 5133 - Correctional Systems Mgt/Adm
The correctional process will be viewed from a systems approach since it represents one element in the total criminal justice process. Attention will be given to the correctional process and its relationship to other institutional and organizational elements within the total Criminal Justice system.

CJ 5143 - Family Violence Investigations
This course will cover law enforcement/social service agency investigations of family violence and provide an overview of the many facets, characteristics and theories of family violence, including but not limited to, child abuse/neglect, elder abuse/neglect, domestic violence (spousal & non-spousal), dating violence and date rape.

CJ 5203 - Dangerous/Violent Offenders
This course presents the characteristics, behaviors, and attitudes of violent offenders with particular emphasis on sex offenders. The areas of domestic violence, pedophilia, sexual assault, and mass and serial murder comprise separate sections of the course. Prerequisite(s): CJ 3633.
<table>
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<tr>
<th>Course Code</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 5213</td>
<td>Drug Dependency &amp; Crime</td>
<td>This course examines major categories of drugs that are sold and abused in America. The history of drug use, legislation and enforcement, sociology and psychology of drug abuse and drug prevention/treatment will be included.</td>
</tr>
<tr>
<td>CJ 5313</td>
<td>Ethics And Testimony</td>
<td>This course provides a comprehensive review of ethics in the criminal justice system and specific ethical dilemmas that confront forensics’ specialists in the investigation, collection and preservation of evidence and presentation of testimony and physical evidence in a court of law. Topics include ethics, arrest, search and seizure, evidentiary standards, methods of evidence presentation and evidentiary standards and procedures for courtroom testimony. This course will conclude with an in-depth analysis of the ethical responsibilities of the forensics’ specialist as an expert witness in courts of law. Prerequisite(s): CJ 3643 and POL 5323.</td>
</tr>
<tr>
<td>CJ 5323</td>
<td>Victimology</td>
<td>This course is designed to provide a complete and integrated picture of victimization, including recent information as well as classical works on the subject. Additional emphasis will be placed on victim services.</td>
</tr>
<tr>
<td>CJ 5413</td>
<td>Delinquent Child Law</td>
<td>This course is a comprehensive survey of the evolution of the laws, agencies, institutions, courts and treatment for juvenile delinquents in Oklahoma and the United States, including the terminology unique to juvenile legal system and the processes and legal procedures of juvenile courts in Oklahoma and the United States. Prerequisite(s): SOC 3103, 4573.</td>
</tr>
<tr>
<td>CJ 5423</td>
<td>Child Abuse And Neglect Law</td>
<td>This course is designed to give the student an overview of the development of unique terminology, laws, institutions, social service agencies, police units, procedures and courts to protect abused/neglected children in Oklahoma and the United States.</td>
</tr>
<tr>
<td>CJ 5433</td>
<td>OK Juvenile Correction System</td>
<td>This course is a survey of the Oklahoma juvenile correction system. Included will be a review of the statutes creating, regulating and mandating the infrastructure, processes, procedures and personnel of various institutions and agencies within the Oklahoma adult correction system. Prerequisite(s): CJ 4063, 4703, 4723.</td>
</tr>
<tr>
<td>CJ 5443</td>
<td>International Juvenile Systems</td>
<td>This course is designed to give the student an overview of various international juvenile systems and explore how those countries deal with juvenile delinquents and other juveniles in comparison to juvenile court procedures and laws in the United States. Prerequisite(s): CJ 4413, 4423, 4433, SOC 4573.</td>
</tr>
<tr>
<td>CJ 5713</td>
<td>Community-Based Corrections</td>
<td>This course is designed to give the student an in-depth overview of probation, parole, halfway houses, work furlough programs and other comprehensive aspects of community-based corrections in Oklahoma and the United States. Prerequisite(s): CJ 4703.</td>
</tr>
<tr>
<td>CJ 5723</td>
<td>Critical Issues In Corrections</td>
<td>This course is designed to give the student a comprehensive survey of the controversial issues in Oklahoma and American corrections, including but not limited to: rehabilitation v. punishment, shaming, electronic monitoring, boot camps, privatization, community supervision v. Incarceration, drug offender incarceration v. treatment, white collar offenders, death penalty for adults and juveniles, coed institutions, incarceration of pregnant women, and other issues in the field of corrections. Prerequisite(s): CJ 4703.</td>
</tr>
<tr>
<td>CJ 5813</td>
<td>OK Adult Correction System</td>
<td>This course is a comprehensive survey of the Oklahoma adult correction system. Included will be a review of the statutes creating, regulating and mandating the infrastructure, processes, procedures and personnel of various institutions and agencies within the Oklahoma adult correction system. Prerequisite(s): CJ 4063, 4703, 4723.</td>
</tr>
<tr>
<td>CJ 5823</td>
<td>International Correction Sys</td>
<td>This course is a survey of various correction systems in the world, including England, France, Sweden, Japan, Russia, China and will include a comparison to corrections in Oklahoma and the United States. The correction systems will be explored in the context of the political, historical, organizational and procedural context for the various countries. Prerequisite(s): CJ 4703, 4713, 4723, 4813.</td>
</tr>
<tr>
<td>CJ 5900</td>
<td>Practicum In Criminal Justice</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Supervised practical application of previously studied theory. Limited to four semester hours per enrollment.</td>
</tr>
<tr>
<td>CJ 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>CJ 5930</td>
<td>Individual Study</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Study completed on an individual basis covering material specified by the instructor.</td>
</tr>
<tr>
<td>CJ 5950</td>
<td>Internship In Criminal Justice</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Range</th>
<th>Subject Matter</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 5960</td>
<td>Institute In Criminal Justice</td>
<td>1 to 8 hours</td>
<td>Varies</td>
<td>Within the department’s field of study. Assignments are given and students receive normal letter grades.</td>
</tr>
<tr>
<td>CJ 5970</td>
<td>Study Tour In Criminal Justice</td>
<td>1 to 6 hours</td>
<td>Varies</td>
<td>Within the department’s field of study. An enrollment associated with educational travel organized through university faculty. Such enrollment may be for credit or audit.</td>
</tr>
<tr>
<td>CJ 5990</td>
<td>Thesis In Criminal Justice</td>
<td>1 to 6 hours</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>CMSC 5000</td>
<td>Workshop In Computing Science</td>
<td>1 to 4 hours</td>
<td>Varies</td>
<td>Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>CMSC 5023</td>
<td>Programming Languages</td>
<td>A study of the underlying concepts of programming languages. Languages designed for various applications are surveyed. The grammars, syntax, and semantics of languages are investigated. Prerequisite(s): CMSC 3613 or 5013; MATH 2323; admission to the graduate program.</td>
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<tr>
<td>CMSC 5033</td>
<td>Concepts Of Artif Intell</td>
<td>A study of the basic concepts and techniques of artificial intelligence or intelligent systems. An introduction to some of the software packages that are used to develop expert systems. Other issues of importance in this course are natural language, pattern recognition, search strategies, knowledge representation and logical inference. Prerequisite(s): CMSC 3613 or CMSC 5013.</td>
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</tr>
<tr>
<td>CMSC 5043</td>
<td>Appl Database Management</td>
<td>The integration of theory and practice in the use and comparison of current database systems, and the access of those systems, including hierarchical and relational, through utilization of host and data manipulation languages. Prerequisite(s): CMSC 1713 and CMSC 3613 or 5013.</td>
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<td></td>
</tr>
<tr>
<td>CMSC 5053</td>
<td>Operating Systems</td>
<td>A study of operating system concepts including concurrent processes, mutual exclusion techniques, deadlock, real and virtual memory management, job scheduling, auxiliary storage management, network operating systems and multiprocessor. Prerequisite(s): CMSC 3613 or 5013.</td>
<td></td>
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</tr>
<tr>
<td>CMSC 5063</td>
<td>Networks</td>
<td>Networks is a study of multi-processing environments, which includes the theory governing layered network architectures, the ISO-OSI communications interface, packet transmission, addressing and routing, and the use of communications software. Prerequisite(s): CMSC 3613.</td>
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</tr>
<tr>
<td>CMSC 5073</td>
<td>Translator Design</td>
<td>Students are introduced to compiler writing, grammars, finite automata, top-down (LL) and bottom-up (LR) parsing, semantic analysis, error detection, optimization, and code generation. Prerequisite(s): CMSC 1513 and 5023.</td>
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</tr>
<tr>
<td>CMSC 5113</td>
<td>Structured Design</td>
<td>Elements of a discipline of program and systems design. Emphasis on the architecture of programs and systems rather than programming. Prerequisite(s): CMSC 2105, 2173.</td>
<td></td>
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</tr>
<tr>
<td>CMSC 5123</td>
<td>Adv Microcomp Applic</td>
<td>Survey of the installation and programming of microcomputers using microcomputer based operating systems; maintaining tree structured directories, programming batch files, controlling i/o redirection, working with serial and parallel ports, using internal operating system commands and utilities, and installing vendor provided software.</td>
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</tr>
<tr>
<td>CMSC 5133</td>
<td>Theory Of Data Base Systems</td>
<td>Concepts, principles, implementation practices, and guidelines for the selection and installation of data base systems. Choosing a dictionary, the relational approach, the hierarchical approach, and the network approach. Security and integrity comparison. Prerequisite(s): CMSC 4003 or CMSC 5043.</td>
<td></td>
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</tr>
<tr>
<td>CMSC 5243</td>
<td>Artificial Intelligence</td>
<td>Theoretical foundations and applications of artificial intelligence including expert systems and shells, production systems, rules, frames, object oriented programming, reasoning with uncertain beliefs, neural nets and corresponding machine architectures, natural language problems, image recognition and the dynamics of robotic motion. Prerequisite(s): CMSC 4133 or 5033.</td>
<td></td>
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</tr>
<tr>
<td>CMSC 5283</td>
<td>Software Engineering</td>
<td>Engineering and management disciplines applied to computer software projects. Emphasis on project organization and management; system and software life cycle; software cost estimation; software development environments; requirements engineering; testing, verification and validation; configuration management; software quality assurance; and risk analysis.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMSC 5900</td>
<td>Practicum In Computing Science</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMSC 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department of Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMSC 5930</td>
<td>Ind Study</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>CMSC 5960</td>
<td>Institute In Computing Science</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>CMSC 5970</td>
<td>Study Tour</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>CMSC 5980</td>
<td>Graduate Project</td>
<td>A contemporary problem provided by business and industry and selected with consideration of the interests and abilities of the individual student. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>CMSC 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.</td>
</tr>
</tbody>
</table>

## COMMUNICATION (COMM)

### COMM 5000 - Workshop In Communication
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

### COMM 5900 - Practicum In Communication
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

### COMM 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

### COMM 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area to be studied and permission of graduate advisor.

### COMM 5950 - Internship In Communication
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

## CREATIVE STUDIES (CSDY)

### CSDY 5000 - Workshop In Creative Studies
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

### CSDY 5103 - The Detective Story
This course will undertake to study detective stories seriously by placing them in three contexts: a historical context, in which the rise and decline of the detective story and its transformation into the novel of mystery or suspense will be considered; a morphological context, which will focus on the ludic structure common to all detective stories; and a critical context, in which several attempts to treat the detective story with self-conscious artistry will be analyzed and judged. The thrust of the course is designed to raise ever more persistent questions about what does and does not constitute seriousness in literary fiction by considering the detective story functionally, in terms of the human desires it satisfies.

### CSDY 5113 - Pub Pro: Editing & Marketing
The course provides the graduate student with practical knowledge of the publishing world, including editorial techniques and proofreading, marketing book-length fiction projects and obtaining representation, concurrent enrollment, or completion of novel writing course.

### CSDY 5203 - 19th Cent.Russian Lit In Trans
A three hour seminar for graduate students focusing on discussion and analysis of the 19th Century major Russian writers. This course fulfills either a period or translation requirement. No reading knowledge of Russian is required. Prerequisite(s): Permission of instructor.

### CSDY 5213 - Lit Imp:Ford,Conrad, & James
This is a study of the literary which takes its name from the impressionist (first exhibited in 1874) and which reaches an apogee in the 1890’s. Literary impressionism is outlined in part in the writing of Ford Maddox Ford and describes a variety of recurring literary themes and styles employed in the novels of all three writers. Some of the features of this approach are: a jumbled or nonlinear narrative chronology, an
CSDY 5353 - Creating The Poem
Students will learn to analyze poetry in terms of tone, persona, literal and figurative imagery, arrangement, symbolism, allusion, myth and archetype, sound and devices used to achieve the desired effect, poetic forms, and various styles. Students will write poetry in many different forms and styles.

CSDY 5413 - Writing For Children
Writing for children allows students to try writing for various age groups from infants through young adults. The course looks at the history of writing for children and the psychology of learning to read. Award winning books and authors will be studied, and the habits of successful writing will be explored.

CSDY 5433 - 20th Cent Spanish Lit In Trans
Students will read 20th century works translated from Spanish into English by such writers as Unamuno, Lorca, Jimenez, Borges, Mistral, Neruda, Garcia Marques, Paz, Allende, Anaya, and others. The interchange of influences between old world and new will be explored.

CSDY 5443 - Writing The Contemporary Novel
The student will read popular and bestselling novels and write the first chapter of a novel. The student will read and prepare a report analyzing a contemporary novel. The graduate student will read and prepare two reports analyzing two contemporary novels. Prerequisite(s): CSDY 3573.

CSDY 5513 - Playwriting
The student will read popular play scripts, view live play productions, and write creatively in the dramatic genre. The graduate student will view additional live play productions and produce 50% more creative manuscript pages. Prerequisite(s): CSDY 3573.

CSDY 5523 - Screenwriting
The student will read contemporary screenplays, view popular movies, and write creatively in the screenplay genre. The graduate student will view and analyze additional movies and produce 50% more creative manuscript pages. Prerequisite(s): CSDY 3573.

CSDY 5533 - Writing For Television
The student will read popular television scripts, view and analyze television shows, and write creatively in the television genre. The graduate student will view and analyze additional television shows, and produce 50% more creative manuscript pages. Prerequisite(s): CSDY 3573.

CSDY 5823 - Lit Crit For Creative Writers
Literary Criticism for Creative Writers is an advanced course in the historical and contemporary theories of criticism. The
Graduate Course Descriptions

University of Central Oklahoma

Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

CSDY 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

CSDY 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

DANCE (DANC)
Department of Theatre, Dance and Media Arts

DANC 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

DANC 5960 - Institute In Dance
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

DES 5000 - Workshop In Design
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

DES 5113 - History of Graphic Design
This lecture course is a survey of the development of visual communication, design movements, historical styles, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

DES 5211 - Summer Seminar
This course provides advanced study in a variety of special subjects in design. The course content will vary in each seminar. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5233 - Psychology of Design
This course provides advanced study in the application of psychology, creativity thinking, and problem solving to develop effective design solutions. The student will present research, design projects, and presentations to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

DES 5253 - Design in Global Cultures
This course provides advanced study of design principles, philosophies, materials, and production methods in ethnic cultures. The student will present research and projects to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

DES 5273 - Business of Design
This course provides advanced study in establishing a design office, including naming, contracts, registrations, soliciting clients, invoicing, and promotion. The student will present a business plan and samples of promotions to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

DES 5293 - Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5313 - Typography
This course provides advanced study in the application of principles, philosophies, materials, and production of typographic design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated for credit. Prerequisite(s): Permission of Graduate Advisor. Enrollment is open to Graphic Design majors only.

DES 5333 - Print Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of print design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.
**Graduate Course Descriptions**

**DES 5353 - Package Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of package design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5373 - Advertising Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of advertising design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5423 - Computer Graphics Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of computer graphics. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5443 - Illustration Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of illustration. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5463 - New Media Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of new media design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5483 - Clocktower Studio**  
This course is a working design studio managed and staffed by graphic design majors who work with campus and community clients, printers, and a team of designers. Students make formal presentations of concept proposals and solutions to the client for approval. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5513 - History of Interior Design I**  
This course is a survey of the development of the history of Interior Design from antiquity to the Renaissance including design movements, styles, furniture, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

**DES 5523 - History of Interior Design II**  
This course is a survey of the development of the history of Interior Design from the Renaissance to Art Deco including design movements, styles, furniture, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

**DES 5553 - History of Interior Design III**  
This course is a survey of the development of the history of Interior Design from the Bauhaus to the present including design movements, styles, furniture, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

**DES 5573 - Environmental Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of environmental design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5613 - Lighting Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of lighting design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for a total of nine hours credit. Prerequisite(s): Permission of instructor.

**DES 5633 - Computer Drafting Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of computer drafting. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5653 - Residential Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of residential design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5673 - Furniture Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of furniture design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated for credit. Prerequisite(s): Permission of instructor.

**DES 5713 - Commercial Design Studio**  
This course provides advanced study in the application of principles, philosophies, materials, and production of commercial design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 5733 - Environmental Design Studio**  
This course provides advanced study in the application of
Graduate Course Descriptions

principles, philosophies, materials, and production of environmental design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5773 - Charles Evans Studio
This course is a working design studio managed and staffed by interior design majors who work with campus and community clients, vendors, and a team of designers. Students make formal presentations of concept proposals and solutions to the client for approval. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5843 - Teaching Design
This course provides the MFA Design student with the information and skills in studio teaching methodology, vocabulary, student evaluation, development of design projects, and course administration procedures to effectively teach a studio course in design. This course may be repeated for credit. Prerequisite(s): Permission of Graduate Advisor.

DES 5900 - Practicum In Design
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

DES 5910 - Seminar / Special Topics
Credit varies from 1 to 4 hours. Directed intensive study on selected problems of special topics.

DES 5930 - Individual Study In Design
Credit varies from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports.

DES 5950 - Internship In Design
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study; normally involves guidelines of plan; conferences, oral and written reports. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports. This course may be repeated for credit. Prerequisite(s): Permission of instructor.

DES 5960 - Institute In Design
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

DES 5990 - Thesis In Design
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

EDUCATIONAL ADMINISTRATION (EADM)
Department of Advanced Professional Services

EADM 5000 - Workshop
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

EADM 5353 - Comp App Tech Sch Ad
Designed to provide an overview of software, hardware, and networking used in the management of schools with an emphasis on scheduling, record keeping and decision making. The course will include presentation software usage and technology issues such as planning, purchasing and leadership. Prerequisite(s): Nine to 11 hours in fundamentals of administration, curriculum, research and advanced psychology and computer literacy.

EADM 5363 - School Building And Grounds
This course is designed to give the prospective administrators the necessary abilities to administer the school plant services. Capital improvement, contracting, site selection, and school building construction will be a vital part of the course. Prerequisite(s): EADM 5543.

EADM 5453 - Inter Relations School Admin
The purpose of this course will be to help prospective administrators in the development of their human relations skills which broadly includes development in interpersonal relationships and group process skills. Prerequisite(s): Admission to Education Administration and EADM 5543.

EADM 5533 - Fund Pub Sch Ad
Basic principles and practices in modern school administration.

EADM 5553 - Legal Aspects School Admin
This course is designed to give the student some knowledge of the general principles of school law. Consideration will be given to an understanding of the legal implications of the operation and administration of a public school system. School law as it relates to the state of Oklahoma, the state board of education, and the attorney general will be considered. Prerequisite(s): EADM 5543.

EADM 5583 - Public School Finance
Sources of school finance, control of expenditures, general principles of financial administration. Prerequisite(s): Admission to Education Administration and EADM 5543.

EADM 5623 - Superv/Eval Of Instruction
The course will prepare school leaders to supervise and evaluate instructional programs, personnel, and curricular programs in public schools. Additionally, this course will examine the better practices in classroom supervision, the perspectives for supervision, and the foundations of supervisory leadership. Prerequisite(s): EADM 5543 AND 5553.

EADM 5673 - School Personnel Adm
A study of current personnel policies and practices that affect both certified and non-certified staff members. Prerequisite(s): EADM 5543 and admission to Education Administration.
Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EADM 5683</td>
<td>Curriculum Leadership</td>
<td>This course will emphasize the supervision and evaluation of curriculum in public school systems. Additionally, it will include a study of current and instructional programs programs which require a principal’s support, guidance, and leadership as school personnel work to improve and enhance the delivery of the school’s curriculum. Prerequisite(s): EADM 5543, 5013, and admission to the School Administration program.</td>
</tr>
<tr>
<td>EADM 5814</td>
<td>Principalship/Internship</td>
<td>A course designed to develop in school administrators the skills and competencies needed to provide leadership and direction necessary to carry out a school system’s purposes, programs, policies, procedures, regulations, and agreements as they relate to the operation of the school. (K-12) Prerequisite(s): All courses contained in the required Master's Program.</td>
</tr>
<tr>
<td>EADM 5900</td>
<td>Practicum In Education</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>EADM 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): EADM 5543, and admission to the School Administration program.</td>
</tr>
<tr>
<td>EADM 5930</td>
<td>Ind Study</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>EADM 5950</td>
<td>Internship</td>
<td>Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>EADM 5960</td>
<td>Institute</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>EADM 5970</td>
<td>Study Tour</td>
<td>Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>EADM 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ECED 5042</td>
<td>Empowerment of Fam/Communities</td>
<td>This course focuses on the critical impact of the family-school-community partnership on the educational progress of children. Theoretical perspectives on family and sociocultural dynamics, research-based rationales for school and family engagement, and parent education will be emphasized. In addition, students will analyze effective leadership traits and assess their own unique leadership potential to empower families and communities. Prerequisite(s): Graduate standing or permission of instructor.</td>
</tr>
<tr>
<td>ECED 5063</td>
<td>Dev Learn Fam Involve Thru 3</td>
<td>This course addresses: developmental characteristics of the child from prenatal life through age three; developmentally appropriate environments and experiences that promote learning for this age child; and the utilization of this knowledge to educate and involve all families in their children’s development and learning. Research on brain development, the impact of the early years on development and learning, guidance, and educational strategies are emphasized. A field component is included. Prerequisite(s): Graduate standing or permission of instructor.</td>
</tr>
<tr>
<td>ECED 5073</td>
<td>Lang Dev &amp; Emerg Lit</td>
<td>A study of the theory, materials, methods and instructional techniques applicable to language development and emergent literacy experiences during the early childhood years - birth through age eight. This course examines developmentally appropriate, integrated and interdisciplinary language arts approaches to literacy development encompassing writing, reading, and oral language of young children in the home and school environment.</td>
</tr>
<tr>
<td>ECED 5082</td>
<td>Parent Education III</td>
<td>(Cognitive and moral development, age five through age eight) An in-depth study of the cognitive and moral development of the child from age five to age eight. It is designed for teachers and others in the helping professions that deal with children and their parents. The course includes examination of appropriate home learning-play activities that will promote and reinforce beginning reading, math, and the development of logical thought.</td>
</tr>
<tr>
<td>ECED 5103</td>
<td>Dev Learn Fam Involve 4 to 8</td>
<td>This course is an in depth study of the development and learning of the young child from four to eight years of age. It includes analyses of the multiple influences on development and learning as well as developmentally appropriate environments and experiences that promote learning for children in this age range. The utilization of this knowledge to create healthy, respectful, supportive, and challenging learning environments and to educate and involve all families in their children’s development and learning is emphasized. Prerequisite(s): Graduate standing or permission of instructor.</td>
</tr>
</tbody>
</table>

EARLY CHILDHOOD EDUCATION (ECED) Department of Curriculum and Instruction

ECED 5000 - Workshop
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
Graduate Course Descriptions

ECED 5133 - Sci & Soc Stu In EC
The application of cognitive development and the constructivist theories in the selection of appropriate methods, materials, and experiences for preschool and primary-age children in science and social studies.

ECED 5153 - Develop Assess Issue
A study of the readiness variables in the differential stages of maturation and development of the preschool child. Election, administration, and interpretation of tests designed to measure individual intelligence, symbol formation and conceptual ability, laterality, motor coordination, gross and fine finger dexterity, discrimination, vocabulary, listening skills, psycho-linguistic ability, body identification, spatial relationship, physiological growth, neurologic maturation, and emotional stability. Prerequisite(s): ELED 4073, and ECED 4133.

ECED 5223 - Educ Prac/Constr Tch
This course will provide an in-depth study of the constructivist psychology of learning. Emphasis will be on materials, classroom management, and curricular application commensurate with the theory of constructivism.

ECED 5232 - Af Div: Multicult Ed
A study of the needs of culturally diverse children, the factors of influence that characterize their environment, and an intensive examination of realistic approaches by parents, school and community to aid them in reaching their maximal potential in America’s highly urbanized, technological society. The focus of the course content will be to affirm and respect culturally and linguistically diverse children, support home language preservation, and promote anti-bias approaches through the creation of appropriate learning environments and experiences.

ECED 5313 - Creat Art/Music/Move
A study of developmentally appropriate experiences for young children in creative visual art, crafts, dramatic arts, music, rhythm, movement, and perceptual motor development.

ECED 5422 - Parent Community Relations
This course is designed to acquaint the student with educational resources available to educators in the community and to enhance their effectiveness in relations with both parents and the community. Prerequisite(s): Admission to Teacher Education.

ECED 5433 - Theo Prsptv Lrn & Pr
This course focuses on the critical analysis of current research and theory from multiple disciplines in regard to learning and development and the implications for practice in early childhood settings. Play as a learning medium is emphasized. Students will engage in self-reflection and self-assessment as a means to examine professional practice and promote growth and development.

ECED 5512 - Prof & Advoc In ECED
As an introduction to the graduate program in early childhood education, this course examines the professional roles of the early childhood educator. Particular emphasis is placed upon advocacy responsibilities of the educator while serving young children and their families through the exploration of the discipline’s current issues and trends. Students are introduced to a variety of assignments that will be required in their graduate program and an individualized degree plan is devised. This course is to be taken within the initial six hours of graduate study.

ECED 5900 - Practicum
Credit may vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECED 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

ECED 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

ECED 5950 - Internship
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

ECED 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ECED 5970 - Study Tour
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.

ECED 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

ECONOMICS (ECON)
Department of Economics

ECON 5000 - Workshop In Economics
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

ECON 5103 - Microeconomic Analysis
Use of economic theory and analysis in the solution of business and public policy problems using demand and cost estimation and analysis, economic forecasting, and cost/benefit analysis. Investigation of various forms of competitive and noncompetitive behavior. Prerequisite(s): Completed all prerequisites for the MBA Program.
ECON 5203 - Econ Growth & Development
A comprehensive study of the economic growth and development process in developing countries, including development strategies, industrialization, technical change, income distribution, migration, savings mobilization and investment and trade policies. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5303 - Quantitative Economics
The use of mathematical techniques in the development and verification of economic theory and economic models, including static (equilibrium) analysis, linear models, comparative static analysis, optimization techniques, and dynamic analysis. Prerequisite(s): Completed all prerequisites for the MBA Program with a minimum grade: C.

ECON 5323 - Policy Analysis
A comprehensive exposure to analytical tools used in evaluating investments, projects, and policies, with specific applications to federal, state, and local government policies and projects. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5333 - Urban Economics
A comprehensive study of the history, origin and evolution of cities, including an analysis of urban land use, public finance, transportation, pollution, crime, poverty, housing, and economic development issues. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5343 - Economic Analysis Of Law
A comprehensive study of the underlying economic basis of common law including the economics of property, contract, tort, criminal and family law. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5353 - Economics Of Education
An advanced study of issues surrounding the production and delivery of education, the impact on education on individual earnings, and the role of education in economic development. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5363 - Market Structure/Reg/Antitrust
Use of theory, case studies and legal precedents to investigate alternative forms of industrial organization, with emphasis placed on underlying structure, market performance/conduct, social welfare implications, and policy alternatives such as regulation and antitrust. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5373 - Health Care Economics
A comprehensive examination of health care markets through analysis of market incentives and behavior of demanders and providers. Characteristics that prevent market forces from generating socially desirable outcomes are analyzed, including imperfect information, uncertainty, and externalities, as well as the inherent conflict arising from the desire to assure “equal access” for all individuals despite divergent incomes. Government interventions are examined and critiqued using economic theory. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5403 - International Economics
A comprehensive study of the theory of international trade, commercial policy, preferential trading arrangements, and topics on the balance of payments and the international adjustment mechanism. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5453 - Advanced Business Statistics
General linear models for estimating and testing, problem analysis, and interpretations of various statistical models. Topics treated include general linear and nonlinear regression models in matrix terms, inferences in regression analysis, multivariate analysis, analysis of covariance, discriminate analysis, analysis of categorical data, the Box-Jenkins approach to forecasting, and some topics in sampling techniques. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5483 - Microeconomic Theory
Advanced analysis of the theories of demand, supply production, cost, the firm, and market organizations. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5503 - Macroeconomics Analysis
A theoretical and applied analysis of national income, employment, interest rates, economic growth, exchange rates, fiscal and monetary policy, supply shock, and related topics, with emphasis on the impact of macroeconomic forces on the business community. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5523 - Policy Issues In Labor Econ
Applies labor economic theory and economic tools to the analysis of contemporary public policy issues in labor economics. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5563 - Comparative Economic Systems
A comprehensive study and comparison of major economic systems, including capitalism, socialism and mixed economic systems; an analysis of their relative efficiency; and a survey of the main problems faced by economies in transition. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5603 - Applied Research & Analy Tools
Provides the applied knowledge, advanced technical and library skills, and hands-on experience necessary for performing economic research and analysis. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5900 - Practicum In Economics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.
Graduate Course Descriptions

ECON 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5930 - Individual Study In Economics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5950 - Internship In Economics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

ECON 5960 - Institute In Economics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ECON 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

ECON 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

ELEMENTARY EDUCATION (ELED) Department of Curriculum and Instruction

ELED 5000 - Workshop
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

ELED 5223 - Lit-Based Lang Arts Instruct
Through the use of quality children’s literature, focus of this course seeks to enable teachers and other school personnel to enhance elementary and middle school students’ performance in language arts, particularly listening, speaking, and writing. Prerequisite(s): ELED 4213 - Teaching Language Arts in Elementary/Middle School Grades.

ELED 5253 - Inquiry Science For Elem Tchr
A study of inquiry methods for teaching children life, earth-space and physical science concepts. Emphasis is placed on national science and certification standards. Prerequisite(s): Valid elementary certificate or admitted to candidacy.

ELED 5323 - Tchg Math In Preschool/Primary
The selection and organization of subject matter is designed to facilitate the teacher’s ability to meet the needs of preschool and primary children. Child development and mathematics curriculum will be studied including mathematics readiness, diagnosis, and placement. Activities for developing concepts in topics such as pre-number, number, geometry, measurement, and the collection and organization of data will be explored. Prerequisite(s): Admission to Teacher Education.

ELED 5333 - Tchg Math Intermediate Grades
This course is designed to facilitate the prospective teacher’s ability to meet the needs of intermediate grade students in the study of mathematics. It includes the study of current trends in mathematics curriculum; instructional techniques and materials; assessment of student performance; and curriculum programs. Specific topics covered are patterns and relationships; organizing, analyzing and synthesizing data; communicating mathematically; strategies for problem solving; mathematical concepts and skills of whole numbers, rational numbers, geometry, and measurement; and the use of technology. Prerequisite(s): ELED 5323 and Admission to Teacher Education.

ELED 5433 - Children’s Literature
Prospective teachers will be exposed to a wide variety of literature appropriate for the preschool through the adolescent years. Literacy elements and skill will be examined as well as the shift from a basal series/skills approach of teaching reading and literature to a more language/literature based method framework. Application and modeling of instructional strategies will represent an integral part of the course. Prerequisite(s): Admission to Teacher Education.

ELED 5463 - Social Studies Elem School
Materials and procedures of teaching social studies in the elementary grades; function of social studies in the elementary school; consideration of techniques of teaching social studies. Prerequisite(s): Admission to Teacher Education.

ELED 5753 - Social Studies In Global Env
Nature and scope of the social studies program; selection and organization of content materials; improving teaching techniques. Prerequisite(s): ELED 3423.

ELED 5772 - Imp Instruct In Lit Elem Schl
Nature and scope of literature programs; selection and organization of content materials; improving teaching techniques.

ELED 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ELED 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.
ELED 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ELED 5950 - Internship
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

ELED 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ELED 5970 - Study Tour
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.

ELED 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

ENGLISH (ENG)
Department of English

ENG 5000 - Workshop In English
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

ENG 5013 - Bib & Methods Of Research
Provides both theory and practice of advanced scholarly research in literary studies.

ENG 5023 - Advanced Technical Writing
This course will provide comprehensive guidance to skills in clear, direct and effective writing in each specific professional area. Students will become familiar with reports, proposals, partition or mechanism descriptions, process descriptions, instructions, specifications, resumes, letters, memorandums and other technical communication formats.

ENG 5033 - Issues In Technical Writing
This course offers an intensive study of a specific topic within the discipline of technical writing. Content will vary within the limits of the discipline.

ENG 5043 - Colonial American Literature
The course examines the colonial, regional, and revolutionary literature of America to identify the history, ideologies, myths, poetry, essays, and drama which shaped and continue to influence American culture.

ENG 5053 - Vietnam War Film & Literature
This course examines the cinematic and literary perspectives of the Vietnam War from gender, ethnic and nationalistic perspectives. Students will discuss the historical, social and political aspects of the war in comparison to films and literary works from other American wars. Prerequisite(s): Graduate standing.

ENG 5103 - Modern Drama
A one-semester course in world drama starting with Ibsen, the late 19th Century father of modern drama, and proceeding to several contemporary plays. The course focuses on major world dramatists/movements, covering about 24 plays.

ENG 5113 - Studies In Literary Criticism
This course features advanced studies in literary theory with emphasis on twentieth century criticism and practice in the various modes of literary analysis.

ENG 5133 - 19th Century British Novel
A study of the major British novelists and their work from approximately 1900 to 1940. This course focuses on major world dramatists/movements, covering about 24 plays.

ENG 5143 - 17th-18th Century British Lit
A study of the major poets of the Romantic period from the 1780’s to the 1820’s, the course is designed to introduce students to the major literary criticism on the Romantic period as it increases their understanding of the Romantic poets’ ideals and artistic themes.

ENG 5153 - Victorian Poetry And Prose
A study of major British literary figures during the Victorian period (1832-1901). This course is designed to introduce students to the major literary criticism on the Victorian period as it increases their understanding of the Romantic poets’ ideals and artistic themes.

ENG 5163 - 19th Century British Novel
A study of major British literary figures during the 19th Century. With an emphasis on context and an attempt to understand the intellectual, political, and artistic preoccupations of Britain’s 19th Century, the course will direct attention to themes and social commentary in an artistic literary approach to 19th Century British fiction.

ENG 5173 - Victorian Poetry And Prose
A study of major British literary figures during the Victorian period (1832-1901). This course is designed to introduce students to the major literary criticism on the Victorian period as it increases their understanding of the Victorian period.

ENG 5183 - Restoration/18th C British Lit
A one-semester course in world drama starting with Ibsen, the late 19th Century father of modern drama, and proceeding to several contemporary plays. The course focuses on major world dramatists/movements, covering about 24 plays.

ENG 5193 - British Novel 1900-1940
A study of major British novelists and their work from approximately 1900 to 1940. This course focuses on the modernist movement in British literature.

ENG 5203 - The Age Of Johnson
The Age of Johnson studies seventeen lesser, non-novel writers of the latter half of the eighteenth century while emphasizing the dominating figures, Samuel Johnson and James Boswell, in their cultural milieu.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 5213</td>
<td>18th Century British Novel</td>
<td>A study of the major British novelists and their work in the 18th century. The course will focus on the rise of the British novel and it will deal with the major antecedent of the novel as a genre.</td>
</tr>
<tr>
<td>ENG 5223</td>
<td>Southern Women Writers</td>
<td>A survey of 20th Century American Women writers. Writers studied include Eudora Welty, Flannery O'Connor, Kate Chopin, Carson McCullers, Alice Walker, Zora Neale Hurston and contemporary writers such as Shirley Ann Grace and Elizabeth Spencer.</td>
</tr>
<tr>
<td>ENG 5233</td>
<td>American Novel I</td>
<td>The course will cover the development of the American novel from its' beginnings in the late 18th Century through the romantic, realist, and naturalist periods.</td>
</tr>
<tr>
<td>ENG 5243</td>
<td>Chaucer</td>
<td>A one semester course studying the Canterbury Tales and Troilus and Criseyde. The text is in Middle English, but a translation is allowed to aid the students in understanding Chaucer's language.</td>
</tr>
<tr>
<td>ENG 5253</td>
<td>American Novel II</td>
<td>A one semester course surveying the evolution of the American novel from 1900 to WWII. The course examines a range of literary styles and analyzes those characteristics of realism, naturalism, and modernism that appear in a representative sampling of important texts.</td>
</tr>
<tr>
<td>ENG 5273</td>
<td>American Fiction Since WW II</td>
<td>A one semester course examining the development of postmodern American fiction. Beginning with two seminar prewar novels and contrasting later, radical texts with more conservative ones, the course charts the major characteristics of postwar fiction and sets it within the historical and aesthetic context of American literature.</td>
</tr>
<tr>
<td>ENG 5283</td>
<td>English Grammar And Usage</td>
<td>This one semester course provides a detailed scholarly analysis of contemporary English. Although the approach is descriptive rather than prescriptive, a distinction is made between formal and informal usage. Textbook analysis are supplemented by workbook exercises and readings in scholarly journals.</td>
</tr>
<tr>
<td>ENG 5293</td>
<td>Colonial American Literature</td>
<td>The course will attempt to form a comprehensive picture of colonial American letters which will include works of picaresque travel narratives, bawdy Hudibrastics, heroic Augustan verse from the mid-Atlantic and Southern colonies. any colonial American authors await discovery.</td>
</tr>
<tr>
<td>ENG 5323</td>
<td>History English Language</td>
<td>The origins and historical development of the English language, including vocabulary, phonology, syntax, orthography, and morphology throughout the three main periods of development - Old English, Middle English, and Modern English. We will consider the time periods; major influences on and characteristics of the language in each period; and how the language influenced, was influenced by, and is reflected in the literature of each period.</td>
</tr>
<tr>
<td>ENG 5333</td>
<td>Teaching Shakespeare</td>
<td>This is a course in the methods of teaching Shakespeare. In-depth study of four plays, including the study of literary criticism pertinent to each play, is combined with pedagogical theory and practice. The &quot;performance method&quot; of teaching Shakespeare, defined by Michael Tolaydo and the Folger Teaching Shakespeare Institute, is given special consideration.</td>
</tr>
<tr>
<td>ENG 5343</td>
<td>Linguistics</td>
<td>The course is a comprehensive study of the English language from sounds (phonetics and phonology) to words (morphology) to structure (syntax) to meaning (semantics). The course also examines some social aspects of language (especially dialectology) as well as some applications of linguistic theory to other fields.</td>
</tr>
<tr>
<td>ENG 5353</td>
<td>Issues In Linguistics</td>
<td>This course offers an intensive study of a specific topic within the discipline of linguistics. Content will vary within the limits of discipline.</td>
</tr>
<tr>
<td>ENG 5383</td>
<td>Modern American Poetry</td>
<td>A one semester course surveying the major figures in Modernist American Poetry, including Frost, Pound, Stevens, and Williams. The seminar examines the prose criticism of these writers as well as their poetry and assesses their contributions to the development of twentieth-century literary theory.</td>
</tr>
<tr>
<td>ENG 5413</td>
<td>Tesl Grammar</td>
<td>The course will allow graduate students to study the practical application of grammatical theories in English as a Second Language (ESL) instruction through both primary and secondary research.</td>
</tr>
<tr>
<td>ENG 5423</td>
<td>A Literary Study Of The Bible</td>
<td>A study of the Bible as literature provides an overview of the various current critical approaches (historical, anthropological, archetypal, linguistic) to a study of the Bible. The forms of the biblical text are studied, as well as the development of these forms in a historical context. Contemporary literary criticism of the Bible is an integral part of the study of the biblical texts.</td>
</tr>
<tr>
<td>ENG 5463</td>
<td>American Indian Literature</td>
<td>This course will provide a broad cultural background study of Native Americans and their literature in the United States from pre-contact times to the present, with critical study of works by American Indian authors, of Native American mythology and folklore, and of the integration of related music, visual art, and tribal histories. This course will include traditional, transitional, and modern works.</td>
</tr>
<tr>
<td>Course Code</td>
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<tr>
<td>ENG 5473</td>
<td>Advanced Composition</td>
<td>A study of the principles of effective writing and their application through extensive writing practice.</td>
</tr>
<tr>
<td>ENG 5483</td>
<td>Milton: Poetry And Prose</td>
<td>This course examines the major poems and selected minor poetry and prose of John Milton, the great Seventeenth Century poet, puritan and revolutionary. Through close critical readings of Milton's work, the class will examine such Miltonic themes as loss, guilt, patience, choice, trial, free will, the relationship between men and women and their relationship with God. The class will study the literary genres which Milton adopts and adapts (epic, tragedy, pastoral, masque, etc.), and the poetics, aesthetics, and ethics which inform his work. The course will analyze Milton in his various roles of farsighted politician, profound theologian, and visionary poet.</td>
</tr>
<tr>
<td>ENG 5503</td>
<td>16th Century British Lit</td>
<td>The course provides a survey of sixteenth century British prose, poetry, and drama. It will provide an extensive examination of writers and literary forms arising during Britain's 16th Century, each of which demonstrates continuing literary and historical importance to literature in English.</td>
</tr>
<tr>
<td>ENG 5513</td>
<td>Literary Works Of C.S. Lewis</td>
<td>This course will provide comprehensive coverage of the literary works of C. S. Lewis and a brief look at related criticism. The course will include literary interpretation, genres, motifs, literary devices, and themes of the works.</td>
</tr>
<tr>
<td>ENG 5523</td>
<td>Major Figures &amp; Movements</td>
<td>This course offers an intensive study of specific authors literary movements. Special attention will be paid to the literary, historical, and critical contexts of the authors or movements selected for study. Content will vary within the department's field of study.</td>
</tr>
<tr>
<td>ENG 5533</td>
<td>Teaching Methods For TA's</td>
<td>This course provides teaching assistants with the training necessary to teach first year composition. Students will focus on the pedagogical concerns involved in teaching the writing process and will come to understand the effects that professional attitude, grading procedures, conferring with students, and the use of technology have on the objectives of the class as a whole. Prerequisite(s): Students must be accepted into the Teaching Assistant program. Written permission required.</td>
</tr>
<tr>
<td>ENG 5553</td>
<td>History Rhetoric To 1700</td>
<td>This course surveys the history of rhetoric in western Europe from the fifth century B.C. through the seventeenth century. The first half of the course covers the major theories and pedagogics of classical rhetoric, from Homer through Quintilian, and the second half covers rhetoric in the Middle Ages and the Renaissance.</td>
</tr>
</tbody>
</table>
## Graduate Course Descriptions

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<tr>
<td>ENG 5673</td>
<td>Contemporary Young Adult Lit</td>
<td>This course explores literature written specifically for or taught to an adolescent audience and will focus on texts written after 1980.</td>
</tr>
<tr>
<td>ENG 5693</td>
<td>Films of Akira Kurosawa</td>
<td>This course explores the works of Akira Kurosawa by examining his life, his films, and how some of his greatest works have impacted the world cinema. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ENG 5713</td>
<td>19th C American Women Writers</td>
<td>This course provides an introduction to the major American female writers of the nineteenth century. This course focuses on nobles, but includes short stories and poetry.</td>
</tr>
<tr>
<td>ENG 5723</td>
<td>Composition Pedagogies</td>
<td>This class examines practical strategies for helping students improve their composition skills by exploring established and emerging pedagogies.</td>
</tr>
<tr>
<td>ENG 5733</td>
<td>TESL Pedagogy</td>
<td>Future teachers of English as a second language (TESL) examine how creativity and research can help develop effective games and simulations for pedagogical purposes. First, students investigate methodologies for creating language games and simulations for the classroom. Second, they develop that knowledge into computer-assisted language exercises. Finally, students will present their research and scholarly projects in a class symposium. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ENG 5753</td>
<td>Issues In Rhetoric</td>
<td>This course offers an intensive study of a specific topic within the canon of rhetoric. Content will vary within the limits of the discipline.</td>
</tr>
<tr>
<td>ENG 5763</td>
<td>American Literature 1800-1865</td>
<td>This course is a comprehensive study of the “flowering of American literature” from the beginning of the 19th century to the close of the Civil War. Special consideration is given to many important forms other than novel, such as poetry, short fiction, and nonfiction prose.</td>
</tr>
<tr>
<td>ENG 5773</td>
<td>American Literature 1865-1900</td>
<td>This course is a comprehensive study of American literature from the close of the Civil War to the beginning of the 20th century. Special consideration is given to many important forms other than the novel, particularly the short fiction of the writers of regionalism, realism and naturalism.</td>
</tr>
<tr>
<td>ENG 5783</td>
<td>Composition Theory &amp; Research</td>
<td>This course provides an in-depth study of the scope of composition theory, the methods of composition research, and the work of individual theorists.</td>
</tr>
<tr>
<td>ENG 5823</td>
<td>Ethnic American Literature</td>
<td>A one semester course that focuses on the literature of African-Americans, Asian-Americans, Hispanic Americans, American Indians, and European Americans.</td>
</tr>
<tr>
<td>ENG 5833</td>
<td>Cyberpunk Film and Literature</td>
<td>In this course, students will explore the visual and literary sub-genre of cyberpunk science fiction. Students will define the genre according to the themes of the invasion of the mind, the ontology of cyborgs, and the paranoia of oppressive politics. Students will also assess the value this genre has in postmodern world fiction. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ENG 5843</td>
<td>Teaching Secondary English</td>
<td>This course is methodology course which links educational philosophy or theory to the formulation of units, behavioral objectives, and daily lesson planning relative to teaching grammar, composition, literature in the secondary schools. Prerequisite(s): Bachelor in Education or admitted to a certification program with graduate standing.</td>
</tr>
<tr>
<td>ENG 5853</td>
<td>Shakespeare Comedies</td>
<td>A one semester course offering an in-depth study of six of Shakespeare’s comedies. In addition to studying the secondary criticism, students will correlate films/productions with their reading of the primary texts.</td>
</tr>
<tr>
<td>ENG 5863</td>
<td>Shakespeare’s History Plays</td>
<td>This course provides extensive research into the plays and background of the early Kings of England through literary analysis.</td>
</tr>
<tr>
<td>ENG 5883</td>
<td>Asian American Literature</td>
<td>In this course, students will analyze and evaluate the contributions that Asian Americans made to American literature. Students will discuss the perceptions Euro-Americans have towards individual Asian cultures due to historical events and how that affected the way Asian Americans were treated and how they recorded this treatment in the literature. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ENG 5900</td>
<td>Practicum In English</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ENG 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.</td>
</tr>
<tr>
<td>ENG 5930</td>
<td>Individual Study In English</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans; conferences, oral and written reports.</td>
</tr>
<tr>
<td>ENG 5950</td>
<td>Internship In English</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

ENG 5960 - Institute In English
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ENG 5970 - Study Tour
Credit will vary from one to two hours. Subject matter will vary within the department’s field of study.

ENG 5990 - Thesis In English
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

ENGINEERING (ENGR)

Department of Physics and Engineering

ENGR 5023 - Thermal Science
This course introduces basic thermal-energy transport processes, conduction, convection, radiation, and the mathematical analysis of systems involving these processes in both steady and time-dependent cases. Prerequisite(s): ENGR 3203, 3443, MATH 3103.

ENGR 5163 - Engineering Optics
The principles of geometrical and physical optics are applied to the analysis and design of optical systems including uniaxial and biaxial crystals, Gaussian-beam propagation, optical resonators, lasers, q-switching and mode locking, line broadening and electro-optic modulations. Prerequisite(s): Graduate standing and permission of instructor.

ENGR 5443 - Fluid Dynamics
The fundamental equations and solution methods of fluid dynamics are presented with particular attention to solving the Navier-Stokes equation. Topics covered will include mass conservation, momentum and energy equations for continua, potential flow, incompressible and compressible flows, viscous flow, similarity and dimensional analysis, boundary-layer theory, vorticity, and turbulent flow. Prerequisite(s): ENGR 3203, 3443, MATH 3103.

ENGR 5553 - Applied Problems
This is a course designed to acquaint the graduate student with methods and approaches for assessing and solving pragmatic problems in industry and technology. Prerequisite(s): Graduate standing and permission of instructor.

ENGR 5613 - Photonics
The ray, wave, and photon-formulations of optics are developed and applied to engineering waveguides, fiber optics, and ultra-fast laser systems. Applications to nonlinear optics, laser hography, nanostructures, quantum statistics of photons, three- and four-wave mixing, near-field microscopy, advanced spectroscopy methods, and light-scattering are covered. Prerequisite(s): ENGR 5163; or graduate standing and permission of instructor.

ENGR 5930 - Individual Study in Engineering
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ENGR 5990 - Thesis in Engineering
Credit will vary from 1 to 3 hours. Subject matter will vary within the department’s field of study.

FAMILY & CONSUMER SCIENCE EDUCATION (FACS)
Department of Occupational and Technology Education

FACS 5000 - Workshop
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

FACS 5112 - Home Management
The study of effective management concerning values and goals as reflected in decision-making about personal and family resources.

FACS 5123 - Professional Issues
This course is planned to assist the student in identifying professional and personal competencies needed in emerging home economic areas. Opportunities for exploring and assessing self interests and abilities as well as the identification of competencies needed for professional level employment in a specialized area will be encouraged and required.

FACS 5133 - Methods Of Teaching
Problems and methods of teaching home economics. Prerequisite(s): Admission to teacher education.

FACS 5173 - Program Development
This class is designed to provide home economics education majors with knowledge and skills needed for developing a vocational and general home economics program.

FACS 5572 - Career Education
This course is designed to provide the student with understanding of themselves relative to careers with special emphasis on the breadth of the field.

FACS 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FACS 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

FACS 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on
## Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 5950</td>
<td>Internship</td>
<td>Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
<td>Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>FACS 5960</td>
<td>Institute</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
<td>Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>FACS 5970</td>
<td>Study Tour</td>
<td>Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.</td>
<td>Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>FACS 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
<td>Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>FIN 5000</td>
<td>Workshop In Finance</td>
<td>Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
<td>Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>FIN 5203</td>
<td>Contemp Prob Finance</td>
<td>A readings and case course designed to increase the practical realism of the problems faced by financial managers in the modern business world. The course provides an environment that enhances the student’s understanding of textbook issues and current business problems by requiring article reviews, case analyses, report writing, oral presentations, and participatory discussions of contemporary issues in business, economics and finance. Prerequisite(s): Completed all prerequisites for the MBA Program.</td>
<td>Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>FIN 5223</td>
<td>International Finance</td>
<td>A study of the financial problems of the multinational business firm. The course includes lectures, case discussions, and contemporary readings to extend both modern and traditional theories of financial management to the area of international business operations. Prerequisite(s): FIN 5333.</td>
<td>Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>FIN 5233</td>
<td>Investment Analysis</td>
<td>A study of the various approaches to the selection and timing of investment opportunities for the individual and for the business firm. The course includes a review of traditional and modern theories of investment strategy and portfolio analysis. Case discussions, problem solving and contemporary readings are utilized. Prerequisite(s): FIN 5333.</td>
<td>Completed all prerequisites for the MBA Program with a minimum grade: C.</td>
</tr>
</tbody>
</table>

### FIN 5243 - Money And Capital Markets
A study of the money and capital market segments of the U.S. Financial System. Emphasis is placed on the importance and role of various interest rates for lending and investment in the economy, their determination, and their measurement. The course also includes discussion of current readings, case analysis, and problem solving relating to the management of financial institutions. Prerequisite(s): Completed all prerequisites for the MBA Program.

### FIN 5253 - Capital Budgeting
A theory and tools course that emphasizes the economic analysis of the firm’s long-term investment opportunities. Specific emphasis is placed on determining the optimal capital budgeting techniques and processes. Extensive attention is given to the problem of explicitly incorporating risk into the analysis and to the problem of modifying decision rules when there are constraints on budget size. Prerequisite(s): FIN 5333.

### FIN 5333 - Fin Adm & Control
Methods and problems involved in the financial administration of the business firm. Special attention to planning for, obtaining, controlling, and allocation of funds. Prerequisite(s): Completed all prerequisites for the MBA Program.

### FIN 5353 - Derivative Securities
A study of various derivative securities traded in current financial markets. The course introduces the characteristics and pricing of various derivatives (e.g., put options, call options, forward contracts, futures contracts, and swaps) and demonstrates their use in investing and portfolio management. The course includes lectures, case discussions, computer analysis, and contemporary readings. Prerequisite(s): FIN 5333.

### FIN 5413 - Financial Analysis w/ Computer
The use of computers and information technology is examined in relation to financial topics. Topics include, but are not limited to, financial statements, cash budgets, corporate performance evaluation, financial forecasting, breakeven and leverage analysis, asset valuation, rates of return, the cost of capital, capital budgeting, investment applications, logical and financial functions, and graphs. Prerequisite(s): Completed all prerequisites for the MBA Program.

### FIN 5423 - Employee Benefit Planning
This course examines the approaches to protecting employees’ financial security from the perspective of businesses by studying the basic concepts and managerial considerations underlying the group insurance mechanism for providing life, health, disability and retirement plans. Topics covered include the theory and practice regarding employee benefits plan design, administration, cost, funding regulation and tax considerations. Prerequisite(s): Completed all prerequisites for the MBA Program with a minimum grade: C.
Graduate Course Descriptions

**FIN 5900 - Practicum In Finance**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**FIN 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

**FIN 5930 - Individual Study In Finance**
Credit will vary from 1 to 8 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

**FIN 5950 - Internship In Finance**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**FIN 5960 - Institute In Finance**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**FIN 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**FIN 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**FLGN 5920 - Directed Read**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**FLGN 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**FLGN 5950 - Internship In Foreign Language**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**FLGN 5960 - Institute In Foreign Language**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**FLGN 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**FLGN 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**FAMILY AND CHILD DEVELOPMENT (FMCD)**
Department of Human Environmental Science

**FMCD 5000 - Workshop**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**FMCD 5011 - Prof Dev In Fam/Child Develop**
This course will explain professional opportunities, professional organizations, certifications, and job opportunities in Family and Child Studies. The graduate internship and portfolio assessment will also be addressed. Prerequisite(s): Majors only.

**FMCD 5023 - Theories In Fam & Ch Studies**
This graduate course is an organized study of major theoretical approaches to the study of family and child development. Prerequisite(s): 9 hours behavioral science course work. Enrollment open to Family and Child Studies majors only.

**FMCD 5043 - Family Dynamics**
This course is an in-depth study of the family systems theory and circumplex model as applied to interpersonal relations. Areas to be examined include communication, conflict resolution, diversity and strengths in families, and living in a global world. Prerequisite(s): Six hours of marriage, family, or related courses (psychology, sociology).

**FMCD 5363 - Ethics/iss In Fam/Child Study**
The study of current issues that influence, effect and change families. The topic of ethics will permeate all issues and be discussed separately. To be taken concurrently with the last semester of the graduate program.
FMCD 5373 - Lifespan Human Dev Ch/Fam St
Theory and research in life-span developmental processes from birth to death, with appropriate applications in relevant occupational fields such as: infant programs, parent, school age, adolescence, special needs, middle age and aging. Prerequisite(s): Written instructor permission.

FMCD 5511 - Prof Develop In Family/Child
This course will explain professional opportunities, professional organizations, certifications, and job opportunities in family and child studies. The graduate internship and portfolio assessment will also be addressed. Prerequisite(s): majors only.

FMCD 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FMCD 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

FMCD 5930 - Ind Study
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

FMCD 5950 - Internship
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

FMCD 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

FMCD 5970 - Study Tour
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.

FMCD 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

FASHION MARKETING (FMKT)
Department of Human Environmental Science

FMKT 5000 - Workshop In Fashion Marketing
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

FMKT 5063 - Fashion Accessories
Analysis of the accessory needs of specialized market segments and the products produced to meet those needs with emphasis on product design, marketing, and merchandising. Prerequisite(s): FMKT 1303 or FMKT 3113.

FMKT 5073 - Heritage of Dress II
An in-depth study of the development of costume and fashion from the Ancient Egyptians to present day with an emphasis on interpreting and analyzing current fashion trends from a historical perspective. Prerequisite(s): Six credits in history/humanities or permission of the instructor.

FMKT 5093 - No-Textiles Accessories
Analysis of the non-textile accessory needs of specialized market segments and the products produced to meet those needs with emphasis on product design, marketing and merchandising. Prerequisite(s): FMKT 3113.

FMKT 5621 - Dress for the Professional
This course is designed to relate one’s dress to career demands and successes and to discover an affordable, accomplished, versatile, and professional approach to clothing selection and wardrobe coordination. Designed for both male and female students.

FMKT 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

FMKT 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

FMKT 5960 - Institute In Fashion Marketing
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

FMKT 5970 - Study Tour
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.

FUNERAL SERVICE (FNRL)
Department of Funeral Service

FNRL 5000 - Workshop In Funeral Service
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNRL 5900</td>
<td>Practicum In Funeral Service</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FNRL 5910</td>
<td>Seminar / Special Topics</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FNRL 5930</td>
<td>Ind Study</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FNRL 5950</td>
<td>Internship In Funeral Service</td>
<td>1-8</td>
<td>Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>FNRL 5960</td>
<td>Institute In Funeral Service</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FNRL 5970</td>
<td>Study Tour</td>
<td>1-2</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FNRL 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FRCH 5000</td>
<td>Workshop In French</td>
<td>1-4</td>
<td>A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>FRCH 5203</td>
<td>French Cult &amp; Civil</td>
<td>18</td>
<td>Hours of French.</td>
</tr>
<tr>
<td>FRCH 5223</td>
<td>Advanced French Grammar</td>
<td>18</td>
<td>Eighteen hours of French.</td>
</tr>
<tr>
<td>FRCH 5303</td>
<td>Francophone Literatures</td>
<td>17</td>
<td>Hours of French.</td>
</tr>
<tr>
<td>FRCH 5900</td>
<td>Practicum In French</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FRCH 5910</td>
<td>Seminar / Special Topics</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FRSC 5000</td>
<td>Workshop In Forensic Science</td>
<td>1-4</td>
<td>Credit will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>FRSC 5102</td>
<td>Physical Aspects Forensic Science</td>
<td>3-4</td>
<td>This course is a survey of the physical aspects of forensic science. Topics include operation and function of a forensic science laboratory, fingerprint identification, firearms and tool marks identification, document examination, trace evidence examination, and crime scene investigation. Prerequisite(s): One semester of college chemistry with laboratory.</td>
</tr>
<tr>
<td>FRSC 5112</td>
<td>Phys Aspects Forensic Sci Lab</td>
<td>3-4</td>
<td>This is a laboratory course that utilizes advanced microscopic, chemical, and instrumental methods applied to crime scene samples. This course includes principles and methods of analysis of microscopic and macroscopic evidence such as glass, soil, paper, inks, and dyes, paints and other coating materials, explosives, fibers, drugs, and other materials classifiable as trace evidence. Prerequisite(s): CHEM 2104 and FRSC 5102.</td>
</tr>
<tr>
<td>FRSC 5143</td>
<td>Crime Scene Investig/Reconstr</td>
<td>3-4</td>
<td>This course covers techniques used in crime scene processing and the integration of all forensic disciplines used in an investigation. A formal process which reconstructs crime scenes and which will withstand courtroom challenges will</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

be developed. Topics include crime scene processing, integration of forensic disciplines, investigation of a mock crime scene, event analysis, and event flow charting.

FRSC 5202 - Bio Aspects Forensic Sci
This course introduces principles of forensic serology, pathology, and toxicology and provides basic knowledge of the application of techniques in these areas to forensic investigations, including identification of human remains, partial individualization of biological materials, and detection of drugs in biological matrices.

FRSC 5212 - Bio Aspects Forensic Sci Lab
This course presents laboratory applications of forensic serology, pathology, and toxicology. Techniques of comparison and individualization of biological evidence will be utilized. The theory and practice of microscopic, biological, immunological, and chemical analysis will be applied to the examination of blood, seminal fluid, saliva, hair, tissues, botanical samples, and other materials of forensic interest. Prerequisite(s): BIO 3304, CHEM 3441, FRSC 5202.

FRSC 5313 - Death Investigation
This course is a comprehensive study of the multidisciplinary scientific principles and techniques which comprise the modern basis of human death investigation. Emphasis is placed on forensic pathology and the pathophysiology of natural and unnatural death. Complementary techniques from physical anthropology, radiology and odontology are integrated through didactic presentations and case studies. Prerequisite(s): FRSC 5143 and 5202.

FRSC 5323 - Forensic Toxicology & Lab
This course is a comprehensive study of the scientific principles and techniques which comprise modern forensic toxicology. Emphasis is placed on modern instrumental techniques used in the toxicological analysis of biological samples. Prerequisite(s): CHEM 3454, FRSC 5102, concurrent enrollment in FRSC 5323L is required.

FRSC 5323L - Forensic Toxicology Laboratory
Laboratory to accompany FRSC 5323L. Prerequisite(s): CHEM 3454, FRSC 5102. Concurrent enrollment in FRSC 5323 is required.

FRSC 5333 - Adv Forensic Serology & Lab
This lecture and laboratory course presents advanced principles of serology with forensic laboratory applications. This course includes the theory and practice of techniques used to identify and individualize biological samples of forensic interest. Prerequisite(s): FRSC 5202. Concurrent enrollment in FRSC 5333 is required.

FRSC 5333L - Adv Forensic Serology Lab
Laboratory to accompany FRSC 5333L. Prerequisite(s): FRSC 5202. Concurrent enrollment in FRSC 5333 is required.

FRSC 5413 - Bloodstain Pattern Analysis I
This comprehensive course investigates the significance of bloodstain patterns found at violent crime scenes. Using bloodstain pattern analysis the student will learn to identify the occurrences that took place during and after a violent attach. Topics include the physical laws of fluids and the application physics and trigonometry to bloodstain pattern analysis. Several practical exercises are used to assess the skill and knowledge of the student. Prerequisite(s): FRSC 5102 and 5202.

FRSC 5423 - Bloodstain Pattern Analysis II
This is the second course in the study of bloodstain pattern analysis. The course provides a comprehensive review of this highly specialized crime scene reconstruction tool. Students will utilize current literature, case studies, laboratory experiments and computer simulation to gain experience in using bloodstain patterns in reconstructing crime scenes. Emphasis is given to the mathematical formulas and calculations involving trigonometry and physics. Emphasis is also given to preparing students to become qualified as expert witnesses for court testimony. Prerequisite(s): FRSC 5413.

FRSC 5443 - Forensic Arson Investigation
This is a comprehensive course on fire investigation emphasizing the use of specialized forensic techniques for the identification of causes of fires. Major topics included in this course are the chemistry of fire, how to diagram the fire scene, common types of building construction and the effects of construction on how structures burn. Proper collection of physical evidence, documentation, analysis and preservation as related to fire investigations will be emphasized. Prerequisite(s): FRSC 5102.

FRSC 5900 - Practicum in Forensic Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FRSC 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FRSC 5930 - Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.

FRSC 5950 - Internship in Forensic Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

FRSC 5960 - Institute In Forensic Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.
Graduate Course Descriptions

FRSC 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

FRSC 5990 - Thesis
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.

GENERAL SCIENCE (GENS)
Department of Physics and Engineering

GENS 5000 - Workshop In General Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

GENS 5900 - Practicum In General Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GENS 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GENS 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GENS 5960 - Institute In General Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

GENS 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

GENS 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

GEOGRAPHY (GEO)
Department of History & Geography

GEO 5000 - Workshop In Geogrpahy
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

GEO 5103 - Historical Geography Of The US
Geographical environment as it has modified and influenced the historical growth of the United States.

GEO 5503 - Geography Of South America
An intensive study of the geography of South America.

GEO 5703 - Geo Info Sys For K-12 Educator
This course introduces geographic information systems as tools for illustrating geographic concepts in K-12 education. The primary focus is on theoretical and practical knowledge of GIS software, as well as on applying that knowledge to standards-based education models.

GEO 5900 - Practicum In Geography
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GEO 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GEO 5930 - Individual Study In Geography
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GEO 5950 - Internship In Geography
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

GEO 5960 - Institute In Geography
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

GERMAN (GERM)
Department of Modern Languages, Literature & Cultural Studies

GERM 5000 - Workshop In German
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

GERM 5203 - German Cult & Civil
Prerequisite(s): Eighteen hours of German.

GERM 5223 - Advanced German Grammar
Prerequisite(s): Eighteen hours of German.

GERM 5313 - Joh W Von Goethe
Goethe (1749-1832) shaped the German language and the German cultural landscape like no other author. Students will read several of Goethe’s works and analyze them in the context of seminar discussions, exams and a paper. An essential component of this course is the interrogation of the
Graduate Course Descriptions

concept ‘authorship’ in light of the many different Goethean artifacts that are not merely “literary”. Prerequisite(s): 17 hours of German course work.

GERM 5900 - Practicum In German
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GERM 5910 - Seminar/Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of German, and permission of instructor.

GERM 5920 - Directed Reading In German
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of German.

GERM 5930 - Individual Study In German
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of German, and permission of instructor.

GERM 5940 - Internship In German
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

GERM 5950 - Institute In German
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

GERM 5960 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

Geronotolgy (GERO)
Department of Occupational and Technology Education

GERO 5000 - Workshop
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

GERO 5023 - Orientation to Gerontology
The purpose of this course is to present a broad overview of the major concepts and issues relevant to gerontology. These will include theories of aging, health and physiological aspects of aging, environmental design and retirement housing, leisure and recreation.

GERO 5213 - Hlth & Social Serv for Seniors
This course focuses on health and social services available to seniors in the United States providing in-depth understanding of Medicare, Medicaid, Aging Network Services, housing, and private sector services.

GERO 5342 - Politics of Aging
This course focuses on a range of political and policy issues that affect the well-being of seniors and the political realities of developing solutions to these needs and concerns.

GERO 5363 - Psychology of Aging
This course examines the psychological aspects of human aging. Focus areas include, psychological theories of aging, psychological research methods in aging field, dementias/psychopathologies of aging, and sensory, motor, and cognitive changes with aging.

GERO 5443 - Biology of Human Aging
The course examines the biological changes associated with human aging. Emphasis is given to theories of biological aging, maintenance of homeostasis, age changes in each body system, interactions among these systems, and diseases that commonly affect older adults.

GERO 5463 - Bereavement Counseling
This course will discuss death and dying, the stages of grief, hospice, the living will and techniques to be used in counseling the bereaved of all ages.

GERO 5731 - Drug Issues for Older Adults
This course will present an overview of the drug issues concerning older adults. Topics will include: an introduction to frequently used prescription and over-the-counter drugs; common problems encountered by the older adult taking multiple medications for their multiple medical problems; health and safety guidelines; marketing effects; and economic concerns.

GERO 5743 - Colloquium in Gerontology
This course is designed to be the culminating experience for all gerontology majors. It will summarize all the work covered in the gerontology program and look at directions for the future in the field of aging. Prerequisite(s): Course should be taken during students last spring semester prior to graduation.

GERO 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GERO 5910 - Seminar/Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

GERO 5920 - Directed Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.
**GERO 5930 - Individual Study**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**GERO 5950 - Internship**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**GERO 5960 - Institute**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**GERO 5970 - Study Tour**  
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**GERO 5990 - Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**GUIDANCE (GUID)**  
Department of Advanced Professional Services

**GUID 5000 - Workshop in Guidance**  
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**GUID 5013 - Prin Guidance And Counseling**  
Principles, functions and practices basic to guidance on both elementary and secondary levels, professional, ethical and legal responsibilities; historical development and current trends and issues. This course includes the characteristics of successful counselors and the development of basic helping skills.

**GUID 5113 - Theories/Tech Group Sch Couns**  
Introduction to the dynamics of groups by utilizing counseling theories and group techniques. Emphasis is placed on group process in the school setting; evaluation of group dynamics, observation, participation and conducting group counseling activities. Prerequisite(s): GUID 5163.

**GUID 5133 - Multicultural Counseling**  
A study of the use of counseling theories and techniques in pluralistic school settings. Emphasis will be placed on changes in human roles, discrimination on the basis of human characteristics, and concerns of subgroups. Skills such as conflict resolution and helping skills will be applied. Prerequisite(s): GUID 5163.

**GUID 5153 - Couns Intervention Strategies**  
A study of the theoretical and practical aspects of helping children and adolescents cope with major life stressors common to this age group in contemporary society. Specific needs to be covered include divorce, drugs and alcohol, depression, stress, abuse, and others. Issues related to counseling minorities will be covered. Prerequisite(s): GUID 5163.

**GUID 5163 - Theories/Tech Individual S/Cou**  
Introduction to individual counseling theory and school counseling techniques. Emphasis is placed on major counseling theories, their underlying philosophy, assumptions and techniques. Their strengths and weaknesses with an application in the school setting. Prerequisite(s): GUID 5141 or concurrent enrollment.

**GUID 5172 - Capstone Exp School Counseling**  
An integration of the components included in the knowledge base under-girding school guidance and counseling with emphasis on preparation for professional examinations for national and state certification and licensure. Prerequisite(s): GUID 5903.

**GUID 5193 - Abnormal Psychology Sch Person**  
A survey of the normal/abnormal continuum of behaviors with emphasis on behaviors that can and cannot be accommodated within institutional teaching/counseling programs. This includes a broad study of the major classifications of psychopathology as well as the etiology, progress and treatment of the disorder, as viewed from the major paradigms.

**GUID 5213 - The Counselor As Consultant**  
Theory and practice as a consultant in school, family, and community settings.

**GUID 5253 - Developmental Guidance**  
Study of the design and management of a comprehensive developmental guidance program. Emphasis on the planning and implementation of a guidance curriculum appropriate for needs of all students. Prerequisite(s): GUID 5012 and PTE 5203.

**GUID 5333 - Individual Test Interpretation**  
A survey of individual tests, utilizing case studies and other appropriate techniques. Designed to enable school counselors and other service personnel to interpret and utilize the results of individual tests. Prerequisite(s): PTE 5383.

**GUID 5343 - Counseling Children/Adolescent**  
This course covers the process and interventions in counseling children and adolescents. Different models of play and activity therapy will be examined. Specific developmental issues will be examined along with how these issues can be addressed via the media of play and through therapeutic games and activities. This course includes clinical observation and discussion of the observed cases. Prerequisite(s): GUID 5153, 5163 or concurrent enrollment.
## Graduate Course Descriptions

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>GUID 5443 - Career Guidance</strong></td>
<td>An introduction to the theories of career development, use and interpretation of career inventory data and identification and use of community resources and materials appropriate for use in a guidance program.</td>
<td>GUID 5013 or concurrent enrollment.</td>
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</tr>
<tr>
<td><strong>GUID 5652 - Develop Guid El Schl</strong></td>
<td>A study of the typical needs common to the age groups found in elementary schools. There will be demonstrations of small and large group activities to provide for the optimal development of all elementary students. Topics will include coping skills, problem solving, social skills training, stress management, family relationships and others.</td>
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<tr>
<td><strong>GUID 5900 - Practicum In Guidance</strong></td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td><strong>GUID 5910 - Seminar / Special Topics</strong></td>
<td>Credit may vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td><strong>HES 5233 - Research Methods</strong></td>
<td>This course develops the basic techniques and methodology in academic and scientific research. Current research studies are reviewed and interpreted to show how the evaluation process applies to the professional areas encompassed by Human Environmental Sciences.</td>
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<tr>
<td><strong>HES 5323 - Creative Leadership</strong></td>
<td>This course explores strategies for marketing oneself effectively. Areas covered include 1) creativity and productivity, 2) leadership styles, 3) power and delegation, and 4) promotional techniques. The general information will be applied to studies of individuals as well as to student self-evaluation.</td>
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<tr>
<td><strong>HIST 5000 - Workshop In History</strong></td>
<td>Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
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<tr>
<td><strong>HIST 5013 - Historiography</strong></td>
<td>Structured as a seminar, historiography covers the main currents in historical research, the writing of history, and the influence of the great historians from Herodotus to the present.</td>
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<tr>
<td><strong>HIST 5103 - Europe, 1919 to 1945</strong></td>
<td>This course describes the history of Europe from the Treaty of Versailles through the end of World War II. In this class emphasis is placed upon the totalitarian regimes of Italy, Germany, and Russia.</td>
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<tr>
<td><strong>HIST 5113 - Am Diplomatic History—20th Cent</strong></td>
<td>A history of American foreign policy from the end of the Spanish-American war to the present. Key topics of the course include: U.S. intervention in Latin America, World War I, World War II, the Cold War, Korea and Vietnam.</td>
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<tr>
<td><strong>HIST 5153 - History of Latin America</strong></td>
<td>This course examines selected problems in Latin American history from the fifteenth century to the present. Prerequisite(s): Graduate standing.</td>
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<tr>
<td><strong>HIST 5203 - Am Diplomatic History To 1900</strong></td>
<td>A history of American Foreign Policy from Independence through the Spanish-American war. Key themes of the course are American Expansion and America’s rise to power.</td>
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**HUMAN ENVIRONMENTAL SCIENCE (HES)**

**HES 5123 - Professional Issues**

This course is planned to assist the student in identifying professional and personal competencies needed in emerging Human Environmental Sciences areas. Opportunities for exploring and assessing self interests and abilities as well as the identification of competencies needed for professional level employment in a specialized area will be encouraged and required.
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>HIST 5213</td>
<td>Intro To Historic Preservation</td>
<td>An introduction to the basic components of the field of historic preservation/conservation, including a brief history of American architecture and the preservation/conservation movement; preservation law; historic research and restoration of historic structures.</td>
</tr>
<tr>
<td>HIST 5263</td>
<td>The American Southwest</td>
<td>A history of the Southwest with emphasis upon the economic, cultural, and political forces which have produced its regionalism; its homogenous character, and its diversities. Articular emphasis is given to the various ethnic groups that have produced much of the essence of the region. Prerequisite(s): Six hours of American history and permission of instructor.</td>
</tr>
<tr>
<td>HIST 5303</td>
<td>Weimar And Nazi Germany</td>
<td>An in-depth study of the rise of national socialism during the Weimar republic, the consolidation of power by Hitler, and Germany during WWII.</td>
</tr>
<tr>
<td>HIST 5313</td>
<td>U.S. Military History To 1917</td>
<td>This course provides an overview of the military’s role in American development from English colonization through the emergence of the United States as a world power. More than just a survey of battles and leaders, this course will examine the interrelationship between the armed forces and society in both peace and war, as well as the impact of intellectual and technological change.</td>
</tr>
<tr>
<td>HIST 5323</td>
<td>U.S. Military Hist Since 1900</td>
<td>American development from the aftermath of the Spanish through the present. More than just a survey of battles and leaders, this course will examine the interrelationship between the armed forces and society in both peace and war, as well as the impact of intellectual and technological change.</td>
</tr>
<tr>
<td>HIST 5333</td>
<td>Russian History To 1917</td>
<td>Students in Russian history to 1917 study Russian history from 882 to the Bolshevik revolution of 1917, paying particular attention to ancient Kiev, medieval Muscovy, westernization in the 18th century, and the emergence of revolutionary movements in the 19th century.</td>
</tr>
<tr>
<td>HIST 5343</td>
<td>Russian History Since 1917</td>
<td>Students in Russian history since 1917 study Russian history from 1917 to the present, paying particular attention to the Bolshevik revolution, the Nep era, Stalin’s “Revolution from Above,” the Gorbachev era, and post-soviet problems of transition to western political and economic models.</td>
</tr>
<tr>
<td>HIST 5403</td>
<td>Indians Of The Southwest</td>
<td>A study of the social, cultural and intellectual history of the Indians of the American Southwest from prehistoric times to the present.</td>
</tr>
<tr>
<td>HIST 5433</td>
<td>Am Colonial Period, 1492-1763</td>
<td>From the discovery of America to the Treaty of Paris in 1763.</td>
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<tr>
<td>HIST 5443</td>
<td>Am Rev &amp; Early Natl, 1763-1815</td>
<td>This course covers American History from the end of the French and Indian War in 1763 until 1815. This course and HIST 5553 replaces HIST 5533.</td>
</tr>
<tr>
<td>HIST 5502</td>
<td>Crit&amp; Analytical Study Of Hist</td>
<td>A study of the discipline of history; its evolution, interpretation, and major historians.</td>
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<tr>
<td>HIST 5513</td>
<td>History Of Mexico</td>
<td>The history of Mexico from the Aztec civilization until modern times. Emphasis is placed on the Aztecs, the conquest by Cortez, society under Spanish independence, the Mexican Revolution, and post revolution Mexico.</td>
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<tr>
<td>HIST 5523</td>
<td>Museum Management</td>
<td>This course provides a comprehensive introduction to museum organization, law, ethics; contemporary museum issues; collections management procedures and policies; collections preservation.</td>
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<tr>
<td>HIST 5543</td>
<td>Black Experience In Am West</td>
<td>An examination of the black experience in the Trans-Mississippi from the sixteenth century to the late 20th century. Special attention is devoted to the contributions of black people to the development of American culture as cowboys, farmers, laborers, and soldiers.</td>
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<tr>
<td>HIST 5553</td>
<td>Jacksonian America, 1815-1848</td>
<td>This course covers American History from 1815 until 1848, with emphasis on Jacksonian democracy, sectionalism, and manifest destiny. This course and Hist 5443 replaces 5533.</td>
</tr>
<tr>
<td>HIST 5563</td>
<td>Civil War And Reconstruction</td>
<td>The history of the United States from the beginning of the Civil War in 1860 to the end of Reconstruction in 1877.</td>
</tr>
<tr>
<td>HIST 5603</td>
<td>Gilded Age/Prog Era, 1876-1919</td>
<td>A detailed study of American history from the Hayes-Tilden election to intervention into World War I.</td>
</tr>
<tr>
<td>HIST 5613</td>
<td>Americans In World War II</td>
<td>Emphasis is placed on the diplomatic background, the major battles in both the European and Pacific theaters, the home fronts, and the defeat of Germany and Japan.</td>
</tr>
<tr>
<td>HIST 5623</td>
<td>Museum Theory And Practice</td>
<td>This course focuses on the interpretation of material culture, including research and exhibit planning and evaluation; contemporary issues in museum interpretation; museum education and the public dimension of museums.</td>
</tr>
<tr>
<td>HIST 5633</td>
<td>Hist Of U.S., 1919-1945</td>
<td>This course is a detailed study of American history from World War I to end of World War II.</td>
</tr>
<tr>
<td>HIST 5643</td>
<td>Anth: Societies/Global Perspec</td>
<td>This course offers a global perspective for the anthropological and historical study of social and cultural organization, social change, and the development of the modern world system.</td>
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</tbody>
</table>
### Graduate Course Descriptions

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<tr>
<th>Course Code</th>
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<th>Description</th>
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<tbody>
<tr>
<td>HIST 5663</td>
<td>French Revolution And Napoleon</td>
<td>The origin of the French Revolution, the turbulent revolution-</td>
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<td>ary years between 1789 and 1795, the rise of Napoleon, and Europe during the Napoleonic Era.</td>
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<tr>
<td>HIST 5673</td>
<td>The Old West</td>
<td>The American frontier from the founding of the North American colonies to the Louisiana</td>
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<td>Purchase with emphasis on the social and political problems of the early westward movement.</td>
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<tr>
<td>HIST 5683</td>
<td>Victorian Great Britain</td>
<td>The scope of this course embraces the long and eventful reign of Queen Victoria (1837-1901)</td>
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<td>and includes but is not limited to such topics as institutions, politics, religion, the</td>
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<td>working-class movement, and the extensive expansion of the British Empire, and with</td>
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<td>bibliographical emphasis on the same.</td>
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<tr>
<td>HIST 5713</td>
<td>Modern Middle East</td>
<td>Peoples and geography; rise and features of Islam; classic Islamic civilizations; Arab and</td>
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<td>Turkish empires; Palestinian question; Nasserism, 20th century states.</td>
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<tr>
<td>HIST 5723</td>
<td>The Trans-Mississippi West</td>
<td>The American frontier from the Louisiana Purchase to the beginning of the twentieth century</td>
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<td>with emphasis on the economic, political and social adjustments and society in an arid region.</td>
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<tr>
<td>HIST 5743</td>
<td>Modern China And Japan</td>
<td>History of these major Asian powers since 1600 with emphasis on their cultures, the impact</td>
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<td>of the West, the industrialization of Japan and the revolutionary process in China.</td>
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<tr>
<td>HIST 5753</td>
<td>African Amer Exp to 1900</td>
<td>In this course students will study in some detail the African and Latin American/Caribbean</td>
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<td>roots of the African-American heritage, then proceed to analyzing the first 280 years of the</td>
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<td>African-American experience in English North America. Considerable time will then be devoted</td>
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<td>to examining the historical record of this experience through, slavery, emancipation/abolition</td>
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<td>and the early years of freedom to the nadir of the pre-Progressive Era struggles for equality.</td>
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<td>Prerequisite(s): Graduate level standing. Admission to a Graduate Program.</td>
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<tr>
<td>HIST 5763</td>
<td>African Amer Exp since 1900</td>
<td>In this course students will study in some detail the African American Experience from the</td>
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<td>nadir of the dreams of liberation as the Victorian Era came to an end and the so-called</td>
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<td>Progressive Era began down to current liberationist struggles and debates. Considerable time</td>
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<td>will then be devoted to examining the historical record of this experience through the</td>
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<td>lynching and Ku Klux Klan craze of the Jim Crow era, through the African American sacrifices</td>
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<td>made during World War I, the Great Depression, World War II, the Civil Rights and Black Power</td>
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<td>movements, into the continuing debates about the meaning of Black liberation and how to achieve</td>
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<td></td>
<td>it. Prerequisite(s): Graduate level standing. Admission to a Graduate Program.</td>
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<tr>
<td>HIST 5773</td>
<td>Modern German History</td>
<td>The unification struggle arising out of the French Revolution, the development of the German</td>
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<td>state and society, the Weimar Republic, and the Nazi dictatorship.</td>
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<tr>
<td>HIST 5813</td>
<td>The History Of Greece And Rome</td>
<td>A study of the two primary civilizations of ancient times with emphasis on their cultural</td>
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<td>and intellectual achievements as the foundation of western culture.</td>
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<tr>
<td>HIST 5823</td>
<td>Soc/Cult Hist Of Us To 1865</td>
<td>A study of the social, cultural and intellectual life of the United States from colonial times</td>
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<td>to the Civil War.</td>
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<tr>
<td>HIST 5833</td>
<td>Soc/Cult Hist Of Us Since 1865</td>
<td>A study of the social and cultural history of the United States from the Civil War to the</td>
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<td>present.</td>
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<tr>
<td>HIST 5843</td>
<td>Maj Interpretations Of Am Hist</td>
<td>A study of new and old interpretations of major events in American history from the colonial</td>
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<td>period to the present. specially designed for students working toward teacher education</td>
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<td>certification in American history.</td>
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<tr>
<td>HIST 5863</td>
<td>Hist Of Modern Southeast Asia</td>
<td>Traditional cultures and religions; impact of western colonialism; nationalist movements and</td>
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<td></td>
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<td>formation of nations; development of representative governments; and contemporary roles in</td>
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<td>international relations.</td>
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<tr>
<td>HIST 5873</td>
<td>Hist Of U.S., 1945 To Present</td>
<td>This course is an advanced study of the political, economic, social and cultural evolution of</td>
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<td>the United States from the end of World War II to the present. Special emphasis is given to</td>
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<td></td>
<td></td>
<td>the expanded role of the United States in world affairs.</td>
</tr>
<tr>
<td>HIST 5883</td>
<td>The Reformation, 1500-1648</td>
<td>A detailed study of the religious upheaval of the sixteenth century, including its background</td>
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<tr>
<td></td>
<td></td>
<td>and causes, an examination of the spread of Protestantism in northern Europe, the religious</td>
</tr>
<tr>
<td></td>
<td></td>
<td>wars in France, the Catholic Reformation, and the Thirty Year War.</td>
</tr>
<tr>
<td>HIST 5893</td>
<td>Europe, 1871-1919</td>
<td>Grandeur and features of late nineteenth century Europe; development of capitalism and growth</td>
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<tr>
<td></td>
<td></td>
<td>of the working-class movement; origins and course of World War I; the Versailles peace</td>
</tr>
<tr>
<td></td>
<td></td>
<td>settlements.</td>
</tr>
<tr>
<td>HIST 5900</td>
<td>Practicum In History</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of</td>
</tr>
<tr>
<td>HIST 5910</td>
<td>Seminar/Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special</td>
</tr>
<tr>
<td>HIST 5920</td>
<td>Directed Reading In History</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 5930</td>
<td>Individual Study In History</td>
<td>1-4</td>
<td>Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.</td>
</tr>
<tr>
<td>HIST 5950</td>
<td>Internship In History</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>HIST 5959</td>
<td>Internship Museum Studies</td>
<td></td>
<td>Supervised practical experience gained in a professional field.</td>
</tr>
<tr>
<td>HIST 5960</td>
<td>Institute In History</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>HIST 5970</td>
<td>Study Tour</td>
<td>1-2</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HIST 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HLTH 5910</td>
<td>Seminar / Special Topics</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HLTH 5930</td>
<td>Individual Study In Health</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HLTH 5960</td>
<td>Institute In Health</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HLTH 5970</td>
<td>Study Tour</td>
<td>1-2</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HLTH 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>HLTH 5910</td>
<td>Seminar / Special Topics</td>
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<td>HLTH 5930</td>
<td>Individual Study In Health</td>
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<tr>
<td>HLTH 5960</td>
<td>Institute In Health</td>
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<tr>
<td>HLTH 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HEALTH (HLTH)</td>
<td>Department of Kinesiology and Health Studies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLTH 5000</td>
<td>Workshop In Health</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>HLTH 5203</td>
<td>Org&amp;Adm-Commun Hlth</td>
<td></td>
<td>A study of the organization and administration of community health programs with emphasis on organization and presentation of materials, concept formations, relationships to public education and educational law, implementation and coordination with other agencies.</td>
</tr>
<tr>
<td>HLTH 5313</td>
<td>Wellness Intrvnt Strat &amp; Skill</td>
<td></td>
<td>This course will provide students with an understanding of the process involved in planning health interventions in health education and health promotion environments. Practical applications of the needs assessment process, program development and implementation will be executed including the skills, theory and practice involved in assisting clients to develop health related life skills. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>HLTH 5900</td>
<td>Practicum In Health</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HUMANITIES (HUM) Department of Humanities &amp; Philosophy</td>
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<tr>
<td>HUM 5900</td>
<td>Practicum</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HUM 5910</td>
<td>Seminar / Special Topics</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HUM 5930</td>
<td>Ind Study</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HUM 5950</td>
<td>Internship In Humanities</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>HUM 5960</td>
<td>Institute In Humanities</td>
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<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HUM 5970</td>
<td>Study Tour</td>
<td>1-2</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>HUM 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
</tbody>
</table>
# Graduate Course Descriptions

## INSTRUCTIONAL MEDIA (IME)
### Department of Advanced Professional Services

### IME 5000 - Workshop
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

### IME 5013 - Library Materials for Sec Schl
This course examines qualitative historical and contemporary resources for young adult media center collections and presents media specialist and teacher techniques for creating meaningful literature experiences and methods of fostering lifelong reading habits. Evaluation, examination, and application of intellectual freedom, genres, themes, literary aspects, assessment criteria, authors and curriculum integration are studied.

### IME 5023 - Materials Selection
Principles of resource selection, including policy statements, selection tools, selection criteria for all formats, community factors, collection needs and acquisitions, the publishing industry, and legal issues will be examined. Emphasis is on school media centers. Students will receive extensive practice in evaluation of materials through use of a variety of recognized professional reviewing journals. This course replaces LME 5023 which replaced LME 5022.

### IME 5042 - Microcomputers Clsrm/Med Ctrs
A study of the appropriate utilization of microcomputers in classrooms and media center. Major emphasis is placed upon selection and evaluation of instructional software, making use of available bibliographic resources.

### IME 5053 - Admin School Media Center
This course examines national, regional, and state guidelines and standards, administrative philosophies, leadership approaches, management theories, and policy development for organizing, administering, and integrating school library media center facilities, staff, resources, and budgets into the total school program. Emphasis is on effective decision-making and implementation of sound management principles.

### IME 5133 - Production I
This course defines multimedia and addresses theory and concepts regarding its fast and growing impact on society. The course provides hands-on experiences for creating beginning and advanced multimedia productions. The course introduces the internet and how to cruise it and use it as a multimedia file server. Purchasing, installing, and configuring multimedia computers and components is an additional feature of the course. This course replaces LME 5132 which replaced LME 5132. Prerequisite(s): Demonstration of computer literacy or LME 5042.

### IME 5143 - Instructional Tech Foundations
The course covers the field of instructional technology, situating the field within the context of its historical perspective, current practices, and future directions. This is a core course in the applied technology option. It provides an introduction to the field and profession of instructional technology. Given that most entering technology students come from fields other than it, LME 5143 gives newcomers a sense of history and an explanation of how the components of the field fit together. There is a particular emphasis on the evolution of the “big ideas” of the field.

### IME 5223 - PR and Information Skills
The focus of this course is the teaching of information literacy skills and creation of lessons/units to teach those skills. In addition, there will be emphasis on aspects of public relations essential to the success of school media centers. Practice in communicating services to both internal and external audiences will be provided, as well as both electronic and print practice in planning and producing public relations campaigns, integrated units of information/curriculum skills, and communications tools.

### IME 5233 - Library Matris for Elem School
This course is designed for the prospective teacher or librarian who requires competence in building print and non-print collections supportive of the elementary school curriculum. It surveys qualitative historical and contemporary resources for children’s media center collections and presents media specialist and teacher techniques for creating meaningful literature experiences and methods of fostering lifelong reading habits. Evaluation, examination, and application of intellectual freedom, genres, themes, literary aspects, assessment criteria, authors, illustrators, and curriculum integration are studied.

### IME 5243 - Effective Wrtng Inst Tech
This course emphasizes reader-centered writing in the creation of instructional materials by extracting, evaluating, and synthesizing information. Students develop skills in business documents, grant proposals, technical reports, and presentations. Styles of writing and audiences are examined.

### IME 5313 - Collab Desgn/Multimed Mtrls
This course focuses on the design of educational multimedia instructional materials. It is an applications- and research-based experience for students who have completed introductory level instructional technology courses and want to learn more about the design and development of multimedia instructional packages. The main objective of the course is to enable students to experience working as part of a multimedia team to design an instructional package for a client.
### Graduate Course Descriptions

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<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>IME 5323</td>
<td>Issues in Distance Education</td>
<td>The course examines the technologies and issues related to the development and delivery of distance learning. Topics include types, concepts, theories, history, components, design, and policy-making of distance learning programs. Emphasis is on the design and implementation of effective instructional strategies and delivery in distance learning environments. Interaction between the student, teacher, and administrator are stressed.</td>
</tr>
<tr>
<td>IME 5413</td>
<td>Managing Computer/Info Centers</td>
<td>This course exposes students to many of the issues encountered in developing and directing computer and electronic information centers. During the course, students explore such issues as hardware and software decision making, local and wide area network operation, software support, vendor relations, electronic security, facility design, staff development, and user training.</td>
</tr>
<tr>
<td>IME 5423</td>
<td>Reference and Bibliography</td>
<td>This course introduces students to reference materials and services in libraries. It includes a history of the reference function in school, public, and special libraries; principles and uses of bibliography; correlation of reference to other library functions; rationale and techniques of reference service; evaluations and use of selected reference tools.</td>
</tr>
<tr>
<td>IME 5453</td>
<td>Cataloging and Classification</td>
<td>This course is a study of descriptive cataloging rules, creation of marc records, bibliographic networks, electronic and printed catalogs, formulation of assimilation and dissemination policies and procedures, and Dewey Decimal and Library of Congress classification systems. Course content stresses instruction and applied practice in descriptive cataloging and assignment of subject headings for school library media centers. This course replaces LME 5453 which replaced LME 5454.</td>
</tr>
<tr>
<td>IME 5543</td>
<td>Instr Design &amp; Development I</td>
<td>This course is a study in cooperative designing of instruction. Areas covered include determining instructional objectives, planning motivational strategies, and designing multimedia learning activities.</td>
</tr>
<tr>
<td>IME 5613</td>
<td>Instr Design &amp; Develop II</td>
<td>This course addresses an instructional design or performance problem through performance analysis (to determine if the problem requires an instructional or non-instructional solution); needs assessment (to determine the nature and importance of problem); and needs analysis (to identify the causes of the problem and to identify solutions). The course focuses on theories, principles, and practices of analysis and assessment of needs from the perspective instructional development including task analysis and instructional media. Attention is given to deficiencies and discrepancies in human performance and the root causes. Prerequisite(s): LME or IME 5543.</td>
</tr>
<tr>
<td>IME 5713</td>
<td>Eval/Chng Inst Dev Proc</td>
<td>This advanced laboratory in instructional system design is an indepth study of the final stages of the instructional design process. The focus is on measurement assessment, formative and summative evaluation, the educational change process as it relates to diffusing and implementing an innovative instructional project and project management. The course requires actual field experience at an existing academic or corporate site. Prerequisite(s): LME 5543, 5613.</td>
</tr>
<tr>
<td>IME 5863</td>
<td>Production II</td>
<td>This course takes the foundation production skills learned in Production I and adds the more advanced skills needed for video production and web design. Emphasis is on planning, design, and development of instructional and information products. Prerequisite(s): LME 5133.</td>
</tr>
<tr>
<td>IME 5900</td>
<td>Practicum</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>IME 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.</td>
</tr>
<tr>
<td>IME 5930</td>
<td>Individual Study</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite problems of special subjects based on approved outlines or plans, conferences, oral and written reports.</td>
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<tr>
<td>IME 5950</td>
<td>Internship</td>
<td>Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>IME 5960</td>
<td>Institute</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>IME 5970</td>
<td>Study Tour</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>IME 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
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</tbody>
</table>

**INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT (ISOM)**

Department of Information Systems & Operations Management

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOM 5000</td>
<td>Workshop</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

**ISOM 5143 - Computing Systems For Mgmt**
This course provides students with practical knowledge, skills, and hands-on experience necessary to develop and use end user information systems. Particular emphasis is given to the appropriate use of computer applications to enhance management problem solving and communication. Prerequisite(s): Completed all prerequisites for the MBA Program.

**ISOM 5243 - Database Design/Implementation**
This course examines the fundamental concepts necessary for planning, designing, using, and implementing database systems. This course will stress database modeling and design, the languages and facilities provided by database management systems, and system implementation techniques. Through case studies, students will be asked to apply concepts learned to solve actual database management systems problems in business organizations. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5143.

**ISOM 5343 - Decision Support Systems**
The design and development of end-user microcomputer applications that support semi-structured decision making in all levels of business organizations. Conceptual topics will include the decision making process, organizational data access and integration, building decision models, and design of graphical user interfaces. Students will use microcomputer client applications to gather data from multiple data sources and apply decision models from management science, accounting, finance, marketing or other business areas to provide support for business decisions. Students will be expected to design and demonstrate prototype decision support projects in the context of a real business problem. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5143.

**ISOM 5533 - Management Science**
This course is designed to lead students through the fields of management science/operations research and their applications in the business world, with an emphasis on modeling. The topics covered in this course include decision theory, utility theory, forecasting, linear programming modeling, the simplex method, sensitivity analysis, the transportation and assignment models, and project management. Students are introduced to the use of computer software packages which are designed for the analysis of a wide variety of business problems. Prerequisite(s): Completed all prerequisites for the MBA Program.

**ISOM 5633 - Operations Mgmt & Analysis**
A study of operations management and its role in contributing to an organization’s competitive strengths along the dimensions of quality, cost, flexibility, and time. The relationship of product and service quality to productivity and costs. Conceptual issues and quantitative methods of decision making by operation management at the strategic, tactical, and operational levels. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5533.

**ISOM 5733 - Advanced Management Science**
This course is a continuation of the management science (ISOM 5533) course. The main objectives of this course are to introduce students to more advanced theory and techniques in the fields of management science/operations research and their application in the business world. Covered topics include decision theory, queuing, simulation, goal programming, integer programming, and the implementation of management science in organizations. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5533.

**ISOM 5900 - Practicum**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ISOM 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ISOM 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ISOM 5950 - Internship**
Credit may vary from 1 to 8 hours.

**ISOM 5960 - Institute**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ISOM 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**ISOM 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**JAPANESE (JAPN)**

**Department of Modern Languages, Literature & Cultural Studies**

**JAPN 5000 - Workshop In Japanese**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**JAPN 5900 - Practicum In Japanese**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**JAPN 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.
Graduate Course Descriptions

**JAPN 5930 - Individual Study In Japanese**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

**JAPN 5950 - Internship In Japanese**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

**JAPN 5960 - Institute In Japanese**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

**JAPN 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department's field of study.

**JAPN 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

**JOURNALISM (JOUR)**
Department of Journalism

**JOUR 5000 - Workshop In Journalism**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**JOUR 5013 - Res Meth In Mass Com**
A study of the sources of information of research techniques peculiar to journalism, including readership studies, readability formulas, content analysis, and the questionnaire interview. The production of a publishable article is required.

**JOUR 5063 - Feature Writing**
Theory and practice of researching, writing, and marketing the feature story for various media.

**JOUR 5103 - School Publications**
A study of supervising production of school publications with emphasis on printing methods, school newspapers, and yearbooks.

**JOUR 5123 - Advanced News Editing**
Advanced theory and practice of editing copy, writing headlines, and designing pages of newspapers. Lab 5123L must be taken concurrently. Prerequisite(s): JOUR 3143.

**JOUR 5123L - Adv News Editing Lab**
Laboratory to accompany JOUR 5123.

**JOUR 5133 - Magazine Editing II**
A continuation of JOUR 2123, with emphasis on editorial skills in planning, designing, and production of magazine-type publications. Prerequisite(s): JOUR 2123.

**JOUR 5143 - Depth Reporting**
Gathering and writing news of substance and depth on public affairs with emphasis on complete investigation and evaluation of conflicting points of view and complex issues. Prerequisite(s): JOUR 1143.

**JOUR 5163 - Public Information Methods**
A study of various methods used by public information officers in dealing with the communications media, particularly the preparation and dissemination of news releases, assistance in news gathering, maintaining information and photo files, and budgeting public information programs. Prerequisite(s): JOUR 3223.

**JOUR 5183 - Public Relations Case Studies**
Case studies of specific public relations problems; planning short and long range public relations programs for various media, government. Prerequisite(s): JOUR 3223.

**JOUR 5192 - Editorial Writing**
Theory and practice of researching and writing the editorial for various media.

**JOUR 5203 - Press Theories**
A study of various ethical values of the world press as practiced by authoritarian, communist, libertarian, and social responsibility theories.

**JOUR 5243 - History Of Journalism**
A study of the development of American journalism, with emphasis on the economic, social and political factors that produced the basic periods.

**JOUR 5253 - Non-Fiction Writing II**
Discipline and guidance in developing a nonfiction book project or magazine articles. Prerequisite(s): JOUR 3223.

**JOUR 5262 - Public Relations Campaigns**
Preparation and presentation of special public relations efforts in business, government, education, health and other areas. Prerequisite(s): JOUR 3223.

**JOUR 5283 - Advertising Campaigns**
A study of various elements involved in the production of an advertising campaign from inception to conclusion. Students research, create, produce, execute, and evaluate a number of advertising campaigns for real clients for all media. Prerequisite(s): JOUR 1183, 3283.

**JOUR 5303 - Large Format Photography**
Producing pictures with large roll film and sheet film cameras. Prerequisite(s): JOUR 2143.

**JOUR 5303L - Large Format Photography**
Laboratory to accompany JOUR 5303.

**JOUR 5353 - Ad/PR Photo**
A study of the application of the basic principles of still photography to the specific fields of public relations and advertising photography. Prerequisite(s): JOUR 3343, 4303.
JOUR 5383 - Advertising Sales
A study of various theories and advertising selling skills needed for media sales. Students create and sell advertising for one or more campus or commercial publications or broadcast stations. Prerequisite(s): JOUR 3283.

JOUR 5413 - Techniques Of Forensic Photography
This course explores the techniques used in obtaining and producing photographs used in investigation, evidence gathering and general photography used by law enforcement agencies. This course is designed for students planning to pursue a career in the forensic sciences.

JOUR 5563 - Ethics And Laws Of The Press
A study of the various legal rights and restrictions, ethics, duties, and responsibilities of the press.

JOUR 5842 - Tchng Journ Sec Schl
Problems and methods.

JOUR 5900 - Practicum In Journalism
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

JOUR 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

JOUR 5930 - Individual Study In Journalism
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

JOUR 5950 - Internship In Journalism
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

JOUR 5960 - Institute In Journalism
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

JOUR 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

JOUR 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

KINS 5113 - Leg/Eth Princp of Well Mngmt
This course provides students with the opportunity to gain insight and understanding about the law and its implications on professionals in the fields of health, wellness, sport, education, leisure, and fitness. Prerequisite(s): Graduate standing.

KINS 5213 - Ldrshp in Hlth, Fit, & Wellness
This course is designed to generate competence for prospective directors, managers, and administrators for leadership in wellness settings. Technical and conceptual skills of leadership will be discussed and applied towards wellness programs in industry, hospitals, and health agencies. Prerequisite(s): Graduate standing.

KINS 5223 - Tech & Media for Wellness Mngr
This course provides wellness professionals with the skills to initiate, maintain, and expand technology and media into daily business. It also emphasizes obtaining resources, information, skills, and strategies through practical application. Prerequisite(s): Graduate standing.

KINS 5303 - Diag Test & Exerc Prescption
This course is designed to enhance the student’s knowledge and application of exercise testing and exercise prescription for apparently healthy populations. Prerequisite(s): Graduate standing and PHED 5303 and KINS 4513.

KINS 5333 - Rehab Exer for Special Popul
This course is designed to increase the student’s working knowledge about special populations in the areas of physical assessment and exercise prescription. Prerequisite(s): Graduate standing and PHED 5303.

KINS 5403 - Biomechanical Analysis
The principles of classical mechanics are applied to the study of human motion to provide students with an understanding of the internal and external forces acting on the body during human movement. The role of muscle in generating force and controlling movement is emphasized. Prerequisite(s): PHED 3333 and HLTH 3223.

KINS 5423 - Strngth Dev & Trng Methods
This course is designed to address strength development and training in the context of exercise science, sports medicine, preventive medicine, health psychology and behavioral medicine, epidemiology, nutrition, and rehabilitative medicine. The focus will be the blending of theory driven research with the practical applications of exercise prescription to specific training paradigms and that relationship to exercise adherence, maintenance, and relapse. Prerequisite(s): Graduate standing.

KINS 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of the graduate advisor.</td>
</tr>
<tr>
<td>KINS 5950</td>
<td>Internship</td>
<td>Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>KINS 5960</td>
<td>Institute</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>KINS 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>LATN 5000</td>
<td>Workshop In Latin</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>LATN 5900</td>
<td>Practicum In Latin</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>LATN 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>LATN 5930</td>
<td>Individual Study In Latin</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>LATN 5950</td>
<td>Internship In Latin</td>
<td>Credit will vary from 1 to 8 hours; subject matter would vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>LATN 5960</td>
<td>Institute In Latin</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>LATN 5970</td>
<td>Study Tour</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>LATN 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>LS 5910</td>
<td>Seminar / Special Topics</td>
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</tr>
<tr>
<td>LS 5930</td>
<td>Ind Study</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.</td>
</tr>
<tr>
<td>LS 5950</td>
<td>Internship In Legal Studies</td>
<td>Credit will vary from 1 to 8 hours; subject matter would vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>LS 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MART 5000</td>
<td>Workshop In Media Arts</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>MART 5900</td>
<td>Practicum In Media Arts</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MART 5910</td>
<td>Seminar In Media Arts</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on selected problems of special topics.</td>
</tr>
<tr>
<td>MART 5920</td>
<td>Directed Reading In Media Arts</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports.</td>
</tr>
<tr>
<td>MART 5930</td>
<td>Individual Study In Media Arts</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports.</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credit Hours</td>
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</tr>
<tr>
<td>MART 5950</td>
<td>Internship in Media Arts</td>
<td>Variable</td>
</tr>
<tr>
<td>MART 5960</td>
<td>Institute in Media Arts</td>
<td>Variable</td>
</tr>
<tr>
<td>MART 5970</td>
<td>Study Tour in Media Arts</td>
<td>Variable</td>
</tr>
<tr>
<td>MART 5990</td>
<td>Thesis in Media Arts</td>
<td>Variable</td>
</tr>
<tr>
<td>MATH 5000</td>
<td>Workshop in Mathematics</td>
<td>Variable</td>
</tr>
<tr>
<td>MATH 5103</td>
<td>The Real Number System</td>
<td></td>
</tr>
<tr>
<td>MATH 5113</td>
<td>Operations Research I</td>
<td></td>
</tr>
<tr>
<td>MATH 5123</td>
<td>Operations Research II</td>
<td></td>
</tr>
<tr>
<td>MATH 5134</td>
<td>Calculus for Secondary Tchrs</td>
<td></td>
</tr>
<tr>
<td>MATH 5143</td>
<td>Adv. Calculus for Applic 1</td>
<td></td>
</tr>
<tr>
<td>MATH 5153</td>
<td>Adv. Calculus for Applic 2</td>
<td></td>
</tr>
<tr>
<td>MATH 5164</td>
<td>Calculus for Secondary Tchrs</td>
<td></td>
</tr>
<tr>
<td>MATH 5183</td>
<td>Numerical Analysis II</td>
<td></td>
</tr>
<tr>
<td>MATH 5203</td>
<td>Foundations of Mathematics</td>
<td></td>
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<tr>
<td>MATH 5243</td>
<td>Vector Analysis</td>
<td></td>
</tr>
<tr>
<td>MATH 5323</td>
<td>Non-Linear Programming</td>
<td></td>
</tr>
<tr>
<td>MATH 5403</td>
<td>Intro to Actuarial Science</td>
<td></td>
</tr>
<tr>
<td>MATH 5433</td>
<td>Theory of Functions</td>
<td></td>
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<tr>
<td>MATH 5443</td>
<td>Intro to Complex Variables</td>
<td></td>
</tr>
<tr>
<td>MATH 5453</td>
<td>Mathematical Modeling</td>
<td></td>
</tr>
</tbody>
</table>

MATHEMATICS (MATH)
Department of Mathematics and Statistics

MATHEMATICS (MATH)
Department of Mathematics and Statistics

MATHEMATICS (MATH)
Department of Mathematics and Statistics
Graduate Course Descriptions

MATH 5503 - Symbolic Logic
The logic of syntax, an analysis of truth-functional compound statements, truth tables, formal and indirect proofs, propositional functions and the use of quantifiers, the logic of relations, and a study of the nature of deductive systems. Prerequisite(s): MATH 2323 and 6 hours of mathematics.

MATH 5543 - Applied Group Theory
Applications of group theory to finite state machines, switching functions, and error detecting codes. Sets, partially ordered sets, functions, and boolean algebras. Prerequisite(s): MATH 4583.

MATH 5563 - Introduction To Graph Theory
Structure of graphs, tree, connectivity, planarity, colorability of graphs, digraphs. Matrices associated with a graph, and automorphism group of a graph. Emphasis on graph theoretic modeling and applications to engineering, computer science, and data structures. Prerequisite(s): MATH 3183 or 3143.

MATH 5843 - Methods Tchg Math And Comp Sc
General aspects of the teaching of mathematics and computer science at the secondary and junior college levels. Prerequisite(s): CMSC 1613 and MATH 4843.

MATH 5853 - Intro to Graduate Research
Students in this course will learn how to conduct scholarly research, read professional journals, structure a comprehensive paper, and communicate mathematical concepts. Each student will submit a comprehensive report in a format appropriate to the nature of the investigated problem. Prerequisite(s): Enrollment open to math majors only.

MATH 5900 - Practicum In Mathematics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

MATH 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics. Prerequisite(s): Undergraduate minor in the subject matter area and permission of graduate advisor.

MATH 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite or special subject, based on approved outlines or plans; conference, oral and written reports. Prerequisite(s): Permission of instructor.

MATH 5950 - Internship In Mathematics
Credit would vary from 1 to 8 hours. Subject matter would vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

MATH 5960 - Institute In Mathematics
Credit will vary from 1 to 4 hours. Directed intensive study on special topics or new and/or special subject matter. Prerequisite(s): MATH 2323 and 6 hours of mathematics.

MATH 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

MATH 5980 - Graduate Project
A contemporary problem provided by business and industry and selected with consideration of the interests and abilities of the individual student. Prerequisite(s): Written permission of instructor and MATH 5853. Enrollment open to Math majors only.

MATH 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor and MATH 5853. Enrollment open to math majors only.

MANAGEMENT (MGMT) Department of Management

MGMT 5000 - Workshop In Management
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

MGMT 5023 - Business Policy
Business policy is a course designed to assess the student’s cognitive skills in solving business problems. He/she is required to make broad-based business decisions through in-depth case analysis. These cases are actual studies of American firms. The student must possess some knowledge of accounting, marketing, finance, and report writing in order to be competitive in this course. Prerequisite(s): Completed all prerequisites for MBA Program and ACCT 5103 and FIN 5333 and MRKT 5123 and ECON 5103 or ECON 5503.

MGMT 5043 - Organizational Theory & Design
This course is designed to impart to the student an integrated and pragmatic approach in the application of organizational theory. An in-depth examination is undertaken to ascertain the relationship between technology, the external and internal environments and their impact upon the development of modern theory. The student will be exposed to the various classics in the field as they formulate their theories and consequences of their use. A study will be made in the evolution of those theories compared to the writings of today’s management scholars. Prerequisite(s): Completed all prerequisites for the MBA Program.

MGMT 5203 - International Management
This course aims at developing student’s knowledge and awareness of international management operations, practices, and environment. Students will learn the process of planning, organizing, directing, and controlling international business activities and operations. The course objectives are met through lectures, classroom discussions,
Graduate Course Descriptions

library assignments, and research work. Prerequisite(s): Completed all prerequisites for the MBA Program.

**MGMT 5543 - Integrated Funct Of The Firm**
A total firm concept which involves many different kinds of business problems which are conceptual in nature. Problems studied are based on the student’s career objectives, business background, and academic preparation. Prerequisite(s): Completed all prerequisites for the MBA Program and MGMT 5023.

**MGMT 5563 - Corp Soc Resp & Bus**
A course designed to enable the student to develop a philosophy of the social responsibility of business, and a philosophy of personal responsibility as a leader within the field of business. Moral and ethical responsibilities of business and its administrators are considered. Prerequisite(s): Completed all prerequisites for the MBA Program.

**MGMT 5900 - Practicum In Management**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MGMT 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MGMT 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MGMT 5950 - Internship In Management**
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**MGMT 5960 - Institute In Management**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**MGMT 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**MGMT 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**MUSIC PERFORMANCE (MPER) Department of Music**

**MPER 5000 - Workshop in Music Performance**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workhsop may be counted on a master’s degree.

**MPER 5010 - Applied Music (graduate)**
Credit will vary from 1 to 4 hours. Applied brass, organ, piano, voice, strings, percussion and woodwinds.

**MPER 5151 - UCO Chamber Orchestra**
The UCO Chamber Orchestra offers advanced students the opportunity to perform orchestral works of the 17th and 18th Centuries in a chamber setting working without a conductor. Prerequisite(s): A successful audition, and permission of the instructor.

**MPER 5161 - UCO Symphony Orchestra**
The UCO Symphony offers a well-rounded orchestral experience through performing four to eight concerts each school year, embodying compositions in a variety of styles from various musical periods. Prerequisite(s): A successful audition.

**MPER 5281 - Band**
A band is a large ensemble performing group. The university band program is open to all university students who have performance skills on band instruments. During the fall semester the marching band performs at football games, and spring semester is devoted to wind ensemble and concert band performance. Prerequisite(s): Written permission of instructor.

**MPER 5351 - Advanced Piano Ensemble**
The advanced piano class is designed for piano majors or students with equivalent proficiency. The course of study will provide solo performers an opportunity for ensemble playing experience. Areas of concentration are piano duet literature, two-piano and four-piano literature, piano accompanying, and multiple score reading. Prerequisite(s): Written permission of instructor.

**MPER 5510 - Practicum in Music Performance**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves outlines or plans; conferences, oral and written reports. Prerequisite(s): Two semesters of graduate instruction in the applied area and written permission of major applied instructor and graduate advisor.

**MPER 5590 - Individual Study in Music Perf**
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports.

**MPER 5595 - Internship in Music Performance**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.
### MARKETING (MRKT) Department of Marketing

**MRKT 5000 - Workshop In Marketing**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**MRKT 5123 - Marketing Management**  
Marketing management is the study of the analysis, planning, implementation, and control of programs designed to create, build, and maintain mutually beneficial exchanges and relationships with target markets for the purpose of achieving organizational objectives. It relies on a disciplined analysis of the needs, wants, perceptions and preferences of target and intermediary markets as the basis for effective product design, pricing, communication, and distribution. Prerequisite(s): Completed all prerequisites for the MBA Program.

**MRKT 5143 - Non-profit Marketing**  
A study of application of marketing concepts in noncommercial ventures such as governmental bureaus and departments, religious or charitable activities, various causes of current concern, and any group endeavor in which profit is not the motivating force. Specific topics and emphasis will vary with different student groups. Prerequisite(s): Completed all prerequisites for the MBA Program and MRKT 5123.

**MRKT 5223 - Current Issues In Marketing**  
Study of and attention to current and timely topics, issues, and problems in the area of marketing. Extensive utilization of current literature in the area of marketing. Major objective of the course will be to acquaint the student with the major developments of the immediate and long-range trends in the area of marketing. Prerequisite(s): Completed all prerequisites for the MBA Program and MRKT 5123.

**MRKT 5553 - International Marketing**  
International environmental forces and their impact on international marketing decision making. Stresses marketing problems solving in the international setting. Prerequisite(s): Completed all prerequisites for the MBA Program.

**MRKT 5900 - Practicum In Marketing**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MRKT 5910 - Seminar / Special Topics**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MRKT 5930 - Individual Study In Marketing**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MRKT 5950 - Internship In Marketing**  
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**MRKT 5960 - Institute In Marketing**  
Credit will vary from 1 to 2 hours; subject matter will vary within the departments’s field of study.

**MRKT 5970 - Study Tour**  
Credit will vary from 1 to 2 hours; subject matter will vary within the Department’s field of study.

**MRKT 5990 - Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

### MUSIC EDUCATION (MUED) Department of Music

**MUED 5000 - Workshop in Music Education**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**MUED 5312 - Research in Music Education**  
Concepts and methods of music research, with emphasis on practical musical, acoustical and musicological problems. A review of pertinent music researches is included.

**MUED 5402 - Inst Meth for Sec Teacher**  
Study of the basic content and general principles of instrumental music appropriate to the secondary school program; organization of materials, procedures and techniques of instruction.

**MUED 5412 - Trends in Marching Band**  
This course covers marching band fundamentals, various types of precision marching, pageantry, charting and show planning. Each student will be required to write an original seven minute halftime show.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUED 5432</td>
<td>Vocal Meth for Sec Teacher</td>
<td>Study of the basic content and general principles of vocal music appropriate to the secondary school program; organization of materials, procedures and techniques of instruction.</td>
</tr>
<tr>
<td>MUED 5842</td>
<td>Elem Music Meth-Inst</td>
<td>Problems and methods of teaching instrumental music in the grades. For music majors only. Prerequisite(s): Admission to Teacher Education.</td>
</tr>
<tr>
<td>MUED 5852</td>
<td>Elem Music Meth-Vocal</td>
<td>Problems and methods of teaching vocal music in the grades. For music majors only. Prerequisite(s): Admission to Teacher Education.</td>
</tr>
<tr>
<td>MUED 5862</td>
<td>Inst Mus Meth-Sec</td>
<td>Problems and methods of teaching music in the junior and senior high school. For music majors/minors only.</td>
</tr>
<tr>
<td>MUED 5872</td>
<td>Vocal Mus Meth - Sec</td>
<td>For music majors/minors only.</td>
</tr>
<tr>
<td>MUED 5900</td>
<td>Practicum in Music Education</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Permission of department chairperson required.</td>
</tr>
<tr>
<td>MUED 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MUED 5930</td>
<td>Individual Study in Music Educ</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports.</td>
</tr>
<tr>
<td>MUED 5950</td>
<td>Internship in Music Education</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>MUED 5960</td>
<td>Institute in Music Education</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MUED 5970</td>
<td>Study Tour in Music Education</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MUED 5980</td>
<td>Graduate Project</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MUED 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
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</tr>
</thead>
<tbody>
<tr>
<td>MUED 5570</td>
<td>Workshop In Music</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>MUS 5022</td>
<td>Music For Small Vocal Ensemble</td>
<td>Repertoire and performance practices of music for small vocal ensemble ranging from 16th century madrigal to contemporary literature.</td>
</tr>
<tr>
<td>MUS 5092</td>
<td>Form And Analysis</td>
<td>The analysis of the construction of works in the various musical forms, affording an intelligent basis for musical interpretation. Prerequisite(s): MUSIC 2594.</td>
</tr>
<tr>
<td>MUS 5112</td>
<td>Advanced Choral Conducting</td>
<td>The study of conducting techniques as related to the unique styles of each musical period. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>MUS 5132</td>
<td>Music Of The Baroque Period</td>
<td>A study of the Baroque period, its music literature, style and performance practices.</td>
</tr>
<tr>
<td>MUS 5142</td>
<td>Wind Inst Lit For Ensemble</td>
<td>A study of the development of wind instrument literature from 1600 to the present.</td>
</tr>
<tr>
<td>MUS 5152</td>
<td>Instrumentation</td>
<td>A survey of the four choirs of instruments and beginning orchestration. Prerequisite(s): 8 hours of harmony.</td>
</tr>
<tr>
<td>MUS 5162</td>
<td>Music Of The Classical Period</td>
<td>A study of the Classical period, its music literature, style, and performance practices.</td>
</tr>
<tr>
<td>MUS 5202</td>
<td>Advanced Voice Pedagogy</td>
<td>A survey of methods of teaching singing with emphasis on vocal problems as illustrated through demonstration lessons with advanced students.</td>
</tr>
<tr>
<td>MUS 5213</td>
<td>Music Theatre Directing I</td>
<td>The historical emergence of the director, production techniques, working with staff, artistic staff and performers, and coordination of all elements of pre-production, production, and post production. Prerequisite(s): MUSIC 2473, 3423, and written permission of instructor.</td>
</tr>
<tr>
<td>MUS 5223</td>
<td>Music Theatre Directing II</td>
<td>The student will choose scenes from music theatre repertoire, cast them, and select the crew and staff. The student will take scenes through production and performance. Prerequisite(s): MUSIC 2331, 3622, 4213, and written permission of instructor.</td>
</tr>
</tbody>
</table>
MUS 5232 - Music For Elementary Teachers
A practical, activity-oriented approach to elementary music methods for persons holding a Bachelor of Music or Bachelor of Music Education degree. Prerequisite(s): Bachelor of Music or Music Education degree. This course replaces MUS 5033 & MUS 5032 Music for Elementary Teachers.

MUS 5242 - Instrumental Music Pedagogy
This course is the study of basic contents and general principles of instrumental music pedagogy appropriate to the Master of Music Degree. The emphasis is placed primarily on instrumental performance problems and the related pedagogy of the major performance area of the student. This course is not required for education certification. Prerequisite(s): Bachelors Degree in some field of music.

MUS 5322 - Piano Literature I
This course is a historical survey of music for the harpsichord and the piano from the sixteenth century through the eighteenth century. It includes a study of performance practices relating to the keyboard and interpretive demonstrations through live performances and recordings. Prerequisite(s): Written permission of instructor.

MUS 5332 - Piano Literature II
This course is a survey of music for the piano from the 18th Century to the present. It includes a study of performances practices relating to the keyboard and interpretive demonstrations through live performances and recordings. Prerequisite(s): Written permission of instructor.

MUS 5362 - Advanced Music Composition
Advanced music composition explores the creative process of writing acoustic and electroacoustic music. The computer is used to create music notation and multitrack compositions. The course may be taken more than once and can count for 2 hours of theory credit and up to 6 hours of elective credits in the master of music degree. Prerequisite(s): Eight hours of undergraduate harmony.

MUS 5502 - Adv Cond-Score Read
A thorough study of choral, band and orchestral scores and their interpretation.

MUS 5602 - Woodwind Materials & Tech
A critical examination of significant publications for woodwinds with emphasis upon instructional aids and the organization of graded literature for each of the woodwind instruments.

MUS 5612 - Jazz Pedagogy
The course is designed to teach techniques of instruction in the area of jazz education and performance and large jazz ensembles at the college level. Prerequisite(s): MUSIC 3211, 3221 and 2341.

MUS 5622 - Strings, Materials & Tech
no description at this time.
### Graduate Course Descriptions

#### NUTRITION (NTRN)
**Department of Human Environmental Science**

**NTRN 5000 - Workshop In Nutrition**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**NTRN 5032 - Nutrition Education**  
This course provides the application of learning theory and media in the design, development and delivery of nutrition education and counseling programs.

**NTRN 5102 - Newer Trends In Nutrition**  
A thorough study of the newer trends and recent research in nutrition. Prerequisite(s): Permission of instructor.

**NTRN 5183 - Advanced Nutrition**  
The advanced study of nutrition including digestion, absorption, and metabolism of all nutrients with an emphasis on the latest nutrition research. Prerequisite(s): NTRN 4034, CHEM 4103, BIO 2604.

**NTRN 5193 - Food Science**  
An investigation of the scientific techniques that must be utilized by food scientists and technologists to bring commercially viable products to the marketplace. Prerequisite(s): NTRN 1613 and CHEM 3303.

**NTRN 5212 - Mngmt of Nutrition Services**  
The study of concepts, processes, and theories of managing clinical nutrition services. The course will emphasize the delivery of high quality, cost-effective service that can be justified to hospital administrators, health care team members and patients. Prerequisite(s): Enrollment open to Nutrition and Food Management majors only.

**NTRN 5223 - Institutional Food Management**  
Organization and administration of food service systems. Emphasis on physical facilities, financial control, menus and purchasing. Prerequisite(s): NTRN 4673 and 4673L.

**NTRN 5233 - Research Methods In Nutrition**  
Basic techniques and methodology in nutrition research; reviewing current research studies and interpreting finds in order to evaluate research in the nutrition areas of specialization.

**NTRN 5322 - Nutrition Assessment**  
The process used to assess nutritional needs of individuals or groups, and to plan a measurable nutrition intervention program appropriate for clients in various special health care setting. Prerequisite(s): Accepted into the Dietetic Internship and permission required by instructor. Enrollment is open to Nutrition and Food Management majors only.  

**NTRN 5333 - Computers In Nutrition**  
The course offers the opportunity to use state of the art software developed for food management operations and nutrition services. Prerequisite(s): Computer literacy and graduate standing in nutrition and food management.

**NTRN 5402 - Nutritional Concerns Of Women**  
A study of scientific nutrition research on issues pertinent to women’s health in all age groups.

**NTRN 5492 - Advanced Clinical Nutrition**  
Development of skills required of the professional nutrition care specialist. This course provides an opportunity to integrate nutrition knowledge with its application in clinical care in a variety of health care practice settings. Prerequisite(s): NTRN 4394, NTRN 4034, CHEM 3403, CHEM 3442, and BIO 2604. Permission required.

**NTRN 5900 - Practicum**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**NTRN 5910 - Seminar / Special Topics**  
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and written permission of graduate advisor.

**NTRN 5930 - Ind Study**  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area and permission of graduate advisor.

**NTRN 5950 - Internship**  
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**NTRN 5960 - Institute**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**NTRN 5970 - Study Tour In Nutrition**  
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study.

**NTRN 5990 - Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
## Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 5000</td>
<td>Workshop In Nursing</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>NURS 5033</td>
<td>Theo Found Nrsng Prac</td>
<td>Students are provided with the opportunity to relate a philosophical and theoretical base to concepts and operations inherent in nursing administration. Current nursing conceptual models and theories will be analyzed. Elected theories from the behavioral, natural, and applied sciences will be studied for their application to nursing and synthesis with nursing theories.</td>
<td>B.S. degree in Nursing and accepted for graduate study.</td>
</tr>
<tr>
<td>NURS 5103</td>
<td>Advanced Pathophysiology</td>
<td>This course is the study of physiological mechanisms altered by disease in the human organism, and explores the rationale for diagnosis and therapeutic interventions in disease conditions.</td>
<td>BIO 2604.</td>
</tr>
<tr>
<td>NURS 5513</td>
<td>Psychiatric Forensic Nursing</td>
<td>This course overviews psychiatric concepts important to forensic nursing. The focus will be on psychiatric conditions associated with criminal behavior including the psychosocial factors that motivate same. These psychiatric issues are then related to forensic concepts for the purpose of facilitating valid and reliable investigative procedures.</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>NURS 5523</td>
<td>Sexual Assault Forensics</td>
<td>The purpose of this course is to provide an overview of the types of sexual assaults to which adults fall victim, perpetrator profiles and sequelae of these assaults on victims.</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>NURS 5533</td>
<td>Child Abuse Forensics</td>
<td>The course is a comprehensive examination of all forms of child maltreatment and neglect, etiological factors, perpetrator profiles, short-term and long-term sequelae of abusive experiences, and treatment modalities.</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>NURS 5543</td>
<td>Domestic Violence Forensics</td>
<td>This course is a comprehensive examination of all forms of domestic violence, characteristics of perpetrators, stalking, spouse abuse, elder abuse, homicide and the short-term and long-term sequelae of the assaults on victims.</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>NURS 5900</td>
<td>Practicum In Nursing</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.</td>
<td></td>
</tr>
</tbody>
</table>

## OCTE 5103 - Instr Strat Mrktg Ed
This course is designed to develop instructional strategies needed to teach business subjects, including lesson plans, unit plans, and evaluation techniques. Prerequisite(s): Permission required.

## OCTE 5172 - Org/Adm Hlth Occp
Basic principles, philosophy, and rationale underlying the organization and administration of health occupation education programs, with special attention directed toward the total planning, development, execution, and evaluation competencies involved.

## OCTE 5203 - Org Adm Market Educ
Intensive study related to organizing local marketing education programs. Special emphasis will be given to administrative techniques of organization and operation. Prerequisite(s): Permission required.
**OCTE 5213 - Hist/Phil Career Tech Ed**  
This course includes basic principles and philosophy underly the organization and development of programs in career-tech education with special attention directed toward federally-aided programs in these areas.

**OCTE 5233 - Curr Dsgn Occup/Tech**  
Examination of techniques for the analysis of occupations and technical content pertaining to occupational, technology education, and training and development settings. Identification of specific task through a training analysis to be used as the basis for developing a complete program of instruction. The analysis process is followed by an examination of procedures for the selection and development of course content in occupational technology, and training and development programs. Procedures and developing group and individualized instructional materials will also be examined.

**OCTE 5253 - Safety/Mgt Of Octed**  
A study focusing on the principles of instructional facility planning and evaluation of laboratory organization including: OSHA, HAZCOM, ADA and other industry safety requirements; student safety mandates; equipment placement; tool and material storage, preventative maintenance, and inventory control. Areas including student disciplining and assignment to personnel systems, management of student records and maintaining documentation, management of individualized and competency based instruction, instructor responsibilities and liabilities within instructional environments are also stressed.

**OCTE 5323 - Meth Tchg Hlth Occup**  
This course will focus on the methods and techniques employed in delivering instruction in health occupations education.

**OCTE 5342 - Consltg Ski Trng/Dev**  
Examines the internal and external consulting roles of the training and development professional. Topics include an overview of the consulting process, conducting contracting meetings, understanding and dealing with resistance, gathering data, and conducting feedback meetings. Responding to requests for proposals, writing proposals, developing budgets, and determining the cost benefits of training will also be examined.

**OCTE 5352 - Accom Spcl Needs Stu**  
This course will provide the participant with an explanation of the occupational instructor’s roles and responsibilities in special education students’ Individualized Education Programs (IEP). In addition, a discussion of the “how-to” for accommodating instruction, media, materials, equipment, work stations and facilities will be provided. Finally, securing work-site learning opportunities and job placement strategies will be discussed. Prerequisite(s): 4253 Safety Concerns and Management of Trade and Industrial Programs.

**OCTE 5561 - Met/Man Of Voc Busns**  
Methods and management of a vocational business and office occupations program; selection of equipment and materials; designing the VBOE lab; and organization of work flow.

**OCTE 5622 - Intgr & Trans Opprt**  
This course is designed to assist occupational and technical educators to integrate academics and to implement education-to-employment activities into their programs. It explains legislation, outlines employers’ entry-level worker goals, reviews education-to-employment experiences at various grade levels, and offers strategies for integrating more academics into vocational programs. Prerequisite(s): Introduction to Trade and Industrial Education.

**OCTE 5631 - Legal/Prof Iss In Oc Ed**  
This course provides and examination of legal and professional issues facing contemporary occupational educators. In particular, the course will consist of pertinent information relating to four major areas: teaching contracts and teacher responsibilities, teacher and student rights, classroom management issues, and teacher professionalism. Prerequisite(s): Introduction to Trade and Industrial Educational and Safety Concerns and Management of an Occupational and Technical Program.

**OCTE 5642 - Prop Wrtg In T&D**  
This course is designed to help define proposals, identify formats and components, locate sponsors or buyers, and to assist the learner in writing effective proposals that can provide funding for occupational programs or promote buy-in for training related projects. Prerequisite(s): ENG 1113, ENG 1213, OCTE 4234.

**OCTE 5723 - Trbishoot/MIant A Lcl Ntwrk**  
A graduate-level course in personal computer (PC), printer, fax, modem, and other peripheral, systems basic troubleshooting: simple repair procedures and testing, printed circuit board (PCB) removal and upgrading, functional circuit board component removal and replacement (disk drives). Sequential and Substitutional Troubleshooting Techniques, electronic resource management methods, diagnostic software packages, and DOS commands to access and alter CONFIG.SYS and AUTOEXEC.BAT will be applied. Telecommunications techniques and media, Local Area Networks, Wide Area Networks, and network protocols are presented and applied. Prerequisite(s): OCTE 4523.

**OCTE 5853 - Meth Tchg Occup/Tech**  
Examination of the selection and implementation of instructional strategies for occupational and technology education. Delivery of instruction through instructional strategy selection, introducing and summarizing topics, conducting illustrated lectures, giving demonstrations, operating media equipment, and analyzing instructional techniques will be covered.
Graduate Course Descriptions

OCTE 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

OCTE 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

OCTE 5930 - Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

OCTE 5950 - Internship
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

OCTE 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

PHYSICAL EDUCATION (PHED)
Department of Kinesiology and Health Studies

PHED 5000 - Workshop In Physical Education
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

PHED 5102 - Problems Of H&PE
Individual investigation of research methods and special problems in health and physical education.

PHED 5122 - Prog Dsgn/Dvlpmnt HPE
An analytical study of aims, objectives, program activities methods and outcomes in the programs in health and physical education, within and outside the school setting.

PHED 5123 - Curr Const H&PE
An analytical study of aims, objectives, program activities methods and outcomes in the teaching of health and physical education.

PHED 5153 - PE Facilities/Equipment
A course emphasizing the functional planning of physical education facilities and equipment for outdoor and indoor areas, stadium, gymnasium, swimming pool and other.

PHED 5202 - H&PE For Elem Tchr
Study of the basic content and general principles of health and physical education appropriate to the elementary school program; organization of materials, procedures and techniques of instruction. Prerequisite(s): PHED 3302 or its equivalent.

PHED 5212 - H&PE For Sec Tchr
Study of the basic content and general principles of health and physical education appropriate to the secondary school program; organization of materials, procedures and techniques of instruction. Prerequisite(s): PHED 4303.

PHED 5222 - Phyed In Higher Educ
A study of the function of physical education in the general education and professional preparation curricula of higher education institutions. Also an intensive study of the physical education faculty member’s role as a member of the higher education community.

PHED 5233 - Contemp Issues PE and Sport
This course involves an analysis of selected contemporary issues in the areas of physical education and sport with emphasis on rational development and evaluation of viewpoints.

PHED 5252 - Legal Aspects Pe Rec And Ath
A study of the legal responsibilities of persons functioning in the fields of physical education, recreation, and athletics including the application and interpretation of the law.

PHED 5272 - Motor & Body Image
A diagnostic-prescriptive approach in the determination and remediation of problems in motor development. Discusses the gross and fine-motor development and body-image development as relates to problems in learning and adjustment. The student experiences theoretical and practical activities: (1) administering motor-based tests common in schools, (2) developing a prescriptive program for remediation of deficits determined through testing, and (3) writing assessment results and recommending activities for alleviation.

PHED 5303 - Phys Base Hum Perf
A study of the physiological effects of physical exercise. Prerequisite(s): PHED 303.

PHED 5313 - Applied Sports Psychology
This course is a study of psychological theories and techniques that could be used to enhance the performance and personal growth of sports and exercise participants from youth to elite levels.

PHED 5363 - Psych Base Hum Perfo
A study of the principles of learning as applied in the teaching of physical education.

PHED 5393 - Research in HE & PE
A presentation of the techniques for identifying research problems, conducting research, and reporting research in the areas of health and physical education.

PHED 5602 - PE&Rec Except Child
Understanding motor characteristics and assessing motor development of the exceptional child; development and adaptation of physical education and recreation programs; and field and/or laboratory experiences.
Graduate Course Descriptions

PHED 5632 - Hist & Phil H&PE
A study of the historical and philosophical bases of health and physical education.

PHED 5672 - Public Rel In H&pe
Principles and practices involved in the presentation of health and physical education to the public.

PHED 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PHED 5910 - Seminar / Special Topics
Credit varies from 1 to 4 hours. Directed intensive study on selected problems or special topics.

PHED 5930 - Ind Study
Credit varies from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area to be studied and permission of graduate advisor.

PHED 5950 - Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

PHED 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

PHED 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

PHED 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

PHILOSOPHY (PHIL)
Department of Humanities & Philosophy

PHIL 5000 - Worksho In Philosophy
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

PHIL 5163 - Philosophy Of Science
Pursues the philosophical implications of various principles and ideas in the sciences, and raises critical questions regarding assumption, hypothesis, and scientific method. Prerequisite(s): 6 hours of philosophy.

PHIL 5183 - Phil Issues In Social Science
An in-depth discussion of specific philosophical issues in some area of the social sciences such as the nature of psychological explanation or the covering law model of historical explanations. Specific topics may be changed, but the course will always spend the first half of the semester on the question of the science in social science. Prerequisite(s): 6 hours of philosophy; 6 hours of social science; and written permission of instructor.

PHIL 5503 - Symbolic Logic
The course will begin with the logic of syntax, followed by an analysis of truth-functional compound statements and truth tables. A variety of proof procedures applicable to deductive arguments will be investigated and used, including formal and indirect proofs. Propositional functions and the use of quantifiers, the logic of relations, and finally, a study of the nature of deductive systems will complete the course.

PHIL 5900 - Practicum In Philosophy
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PHIL 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PHIL 5930 - Individual Study In Philosophy
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PHIL 5950 - Internship In Philosophy
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

PHIL 5960 - Institute In Philosophy
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

PHIL 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

PHIL 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

PHYSICS (PHY)
Department of Physics and Engineering

PHY 5000 - Workshop In Physics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
Graduate Course Descriptions

PHY 5013 - Mathematical Physics II
A continuation of PHY 3094, this course discusses in more depth the mathematical preparation required for solutions to boundary value problems found in electrostatics, mechanics, heat transfer, quantum mechanics, and acoustics. Mathematical topics may include curvilinear coordinates, Fourier analysis, Fourier transforms, partial differential equations, Green's functions, tensor analysis and group theory. Prerequisite(s): PHY 3094.

PHY 5033 - Nuclear Physics
Basic characterization of the nucleus and subatomic particles, their interaction, nuclear models, symmetries and conservation laws, tools, and technology. Prerequisite(s): PHY 3104 and PHY 3884.

PHY 5063 - Analytical Mechanics
A vector analytical approach to particle and rigid-body dynamics including a brief introduction to Lagrange's and Hamilton's equations, and special relativity. Prerequisite(s): PHY 3064. Additional hours upper division level physics.

PHY 5063 - Analytical Mechanics
A vector analytical approach to particle and rigid-body dynamics including a brief introduction to Lagrange's and Hamilton's equations, and special relativity. Prerequisite(s): PHY 3064. Additional hours upper division level physics.

PHY 5071 - Nuclear Radiation Laboratory
A laboratory course providing a thorough understanding of the types of nuclear radiation, their origin, characteristics, detection and interaction with matter. Prerequisite(s): PHY 3104 or concurrent enrollment.

PHY 5073 - Classical Mechanics
Lagrangian and Hamiltonian methods will be introduced and applied, as appropriate, to a variety of mechanical systems. Topics will include vibration theory, elasticity, fluid mechanics, and acoustics. Prerequisite(s): PHY 4163.

PHY 5103 - Kin Theo & Stat Mech
A treatment of the kinetic theory of gases, including transport phenomena and an introduction to classical and quantum statistical mechanics. Prerequisite(s): PHY 4123 and PHY 3884.

PHY 5203 - Applied Electrodynamics
The application of electromagnetic theory (Maxwell's equations) to the description of static and time dependent electric and magnetic fields, electromagnetic radiation, wave guides, transmission lines, and related problems. Prerequisite(s): PHY 4183 and PHY 4003.

PHY 5443 - Quantum Mechanics
An introduction to the theory of quantum mechanics and its applications. Topics include the historical development of quantum mechanics, the Schroedinger equation and its applications, the theory of operators, the theory of angular momentum, the hydrogen atom, and perturbation theory. Prerequisite(s): PHY 3104, MATH 3103.

PHY 5643 - Directed Study
A directed study of a specialized aspect of industrial or applied physics. A maximum credit of four hours may be awarded for a non-thesis program and a maximum of six credit hours awarded in a thesis program.

PHY 5900 - Practicum In Physics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

PHY 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

PHY 5930 - Individual Study In Physics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

PHY 5950 - Internship In Physics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

PHY 5960 - Institute In Physics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

PHY 5990 - Thesis
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

POLITICAL SCIENCE (POL)
Department of Political Science

POL 5000 - Workshop In Political Science
Credit will vary from 1 to 4 hours. Subject matter will vary within department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

POL 5013 - Urban History Inst & Enviro
The study of contemporary political, social, and economical institutions and environment of urban areas, placed in a historical context.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5023</td>
<td>Scope Of The Discipline</td>
<td>An analysis of the various fields of political science, as well as an assessment of the contributions of other disciplines and scientific approaches to the study of politics.</td>
</tr>
<tr>
<td>POL 5033</td>
<td>Research Methods</td>
<td>This course provides an analysis of statistical techniques and research methodology commonly used in studying political phenomena. Included are probability theory, bivariate, and multivariate techniques through regression.</td>
</tr>
<tr>
<td>POL 5113</td>
<td>Advanced Contemporary Problems</td>
<td>The study of current happenings in the student’s area of graduate specialization with emphasis on assessing the relevance of theoretical principles to actual events.</td>
</tr>
<tr>
<td>POL 5123</td>
<td>Problems-The Budgetary Process</td>
<td>The study of the process by which financial resources of governmental institutions are allocated, emphasizing this process in local government.</td>
</tr>
<tr>
<td>POL 5133</td>
<td>Problems-State &amp; Urban Gov</td>
<td>A study of the problems existing in relationships between state and local governmental units.</td>
</tr>
<tr>
<td>POL 5143</td>
<td>Problems-International Affairs</td>
<td>Case studies in the resolution of geographic and functional problems in international affairs, tailored to students’ specific international interests.</td>
</tr>
<tr>
<td>POL 5153</td>
<td>American Politics</td>
<td>A survey of selected literature from the field of American politics. Subjects covered will come from among the following: Presidency, Congress, judiciary, political parties, interest groups, electoral behavior, media in politics, and public opinion.</td>
</tr>
<tr>
<td>POL 5163</td>
<td>Intergovernmental Relations</td>
<td>An exploration of the relationships among the federal, state, metropolitan, and local units of government. Current trends, issues, administrative structures and procedures are emphasized.</td>
</tr>
<tr>
<td>POL 5173</td>
<td>Land Use Planning</td>
<td>A comprehensive survey of American law of land use planning and controls, with emphasis on the law of nuisance; restrictive covenants, planning, zoning and subdivision controls; and recent innovations in land use controls.</td>
</tr>
<tr>
<td>POL 5193</td>
<td>Public Finance &amp; Muni Budget</td>
<td>An analysis of municipal revenue sources and expenditures, including the planning, approval, and implementation of municipal budgets.</td>
</tr>
<tr>
<td>POL 5213</td>
<td>Political Sociology</td>
<td>An examination of extremism and political deviancy, emphasizing the causes and sociological implications of extremism. Prerequisite(s): POL 1113 and SOC 2103.</td>
</tr>
<tr>
<td>POL 5223</td>
<td>The Presidency</td>
<td>The presidency in law and practice; its relationship to Congress, the public, the party structure and the administrative establishment; and its responsibilities in foreign and military affairs. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5233</td>
<td>Political Parties/Behavior</td>
<td>Structure and function of the American political party system with emphasis upon the role of parties in American politics, noting the political behavior patterns of American voters. Evaluation of recent political behavior research. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5243</td>
<td>Media And Politics</td>
<td>Discussion of the role of the media in politics, including how the media covers American institutions, and the impact of the media on campaigns. Our campaign coverage will examine the role of television advertising, campaign coverage, and public opinion polls. This course also examines the political and social messages of several &quot;entertainment&quot; media, such as television and films, as well as the dynamics behind these messages.</td>
</tr>
<tr>
<td>POL 5253</td>
<td>The Congress</td>
<td>This course is designed to introduce the student to the first branch of government. It will evaluate Congress, its functions, relationships, members, and organization in order to determine whether it achieves the purpose for which it was created. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5263</td>
<td>Judicial Process</td>
<td>This course examines the organization, jurisdiction, and functions of both federal and state courts, as well as, explores theories of judicial behavior and judicial policymaking.</td>
</tr>
<tr>
<td>POL 5273</td>
<td>International Pol Risk Analy</td>
<td>An analysis of techniques useful in forecasting regime changes, nationalization, controls on profit reparation, and other political risks faced by companies operating in foreign countries.</td>
</tr>
<tr>
<td>POL 5283</td>
<td>Public Opinion</td>
<td>A study of public opinion and the techniques of mass media and propaganda in a democratic society, including its measurement and evaluation with particular reference to the role of interest groups. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5313</td>
<td>Religion And The Law</td>
<td>This course examines the relationship between law and religion in the United States by focusing on the Supreme Court’s interpretation of the First Amendment’s Establishment and Free Exercise Clauses.</td>
</tr>
<tr>
<td>POL 5323</td>
<td>Constitution &amp; Crim Procedure</td>
<td>This course covers the constitutional boundaries, established by the Supreme Court, for gathering evidence at a crime scene, questioning witnesses/suspects, arresting suspects, and seizing evidence as well as the constitutional rights of the accused at trial.</td>
</tr>
</tbody>
</table>
## Graduate Course Descriptions

### POL 5333 - Constitution & Civil Liberties
This course is an analysis of the U.S. Constitution as interpreted by federal courts, emphasizing constitutional limitations on governmental actions, particularly with respect to civil liberties.

### POL 5403 - Women and Politics
This course will focus on the political status of women from a comparative perspective. The specific aim of the course is to examine the changing roles of women in recent history, the political and cultural impetuses behind these changes, and how these changes (or absence of change) have affected the lives of women in different political and cultural settings.

### POL 5413 - Public Policy Analysis
Public Policy Analysis is designed to equip students to become independently capable policy analysts. The methods and procedures of policy analysis are learned and practiced, and examples of analysis of policies on the local, state, and national levels are studied.

### POL 5433 - Urban Minority Politics
An examination of the intricacies of diversity and the decomposition of the American urban areas, focusing on the role of city government, urban political processes, and representation techniques.

### POL 5444 - Environmental Politics
This course will examine the politics of the environment by looking at the actions or inactions of the government in the areas of resource scarcity, environmental health and safety, natural esthetics, and economic groups. This class will also look at environmental politics as just one of many social movements in the United States. As such, this class will examine how interest groups supporting the environmental movement have developed in recent decades and how they seek to protect their interests. Prerequisite(s): POL 1113.

### POL 5523 - Urban Housing Policy
A study of the various factors which affect national and local housing issues, with discussion of housing problems in the urban environment.

### POL 5533 - Development Dispute Resolution
Contemporary methods of resolving development disputes through negotiation, bargaining, and mediation. Techniques and skills applicable to solving controversies over planning and implementation of public and private development projects.

### POL 5543 - State Administration
A study of the administrative institutions, policy making processes, and political environment of state government, emphasizing both theory and practice. Prerequisite(s): POL 1203, 2413.

### POL 5603 - Theories-International Rel
An examination of the major theories of international relations, focusing on their contributions to framing the analysis of international interactions. The works of seminal authors will be studied for their insights into such central concepts of international political analysis as: sovereignty, balance of power, and national interest.

### POL 5613 - World Politics
An analysis of the political interactions among nation-states, multinational corporations, and international organizations; and the pattern of relationships that result. Focuses particularly on war-peace issues and the politics of international economic and social relations. Prerequisite(s): POL 2303.

### POL 5623 - American Foreign Policy
A study of the major themes and issues which have, in recent years, informed the practice of American foreign policy. Among the topics covered are: the inter-branch struggle in foreign policy making, trade and national security policy, and challenges confronting American foreign policy in specific geographic and functional areas.

### POL 5633 - International Law
A study of the legal aspects of international relations, and of the generative role of international law in informing actors of the nature and limits of authoritative practices within the international community.

### POL 5643 - International Security Studies
A study of analytical frameworks which seek to explain the nature of international conflict. Consideration will also be given to such practical threats to global peace and stability as weapons proliferation, regional military balances, strategic competition and threat psychology.

### POL 5653 - International Organization
A study of the development and evolution of international organizations, and their role in international politics. Specific attention will be given to the United Nations system of international organizations, and other international entities such as the European Community, the Organization of American States, the World Bank, and NATO.

### POL 5663 - Politics And The World Economy
An analysis of the political dimension of economic relationships among international actors (including nation-states, multinational corporation, and international organizations). Emphasizes the politics of foreign investment, trade, and international finance from the differing perspectives of industrialized and developing countries.

### POL 5673 - Economic Statecraft
A study of the economic instruments and tactics available to nation-states to pursue their national interests. Specific attention will be given to examining the nature of foreign economic policy making with the U.S. and also the debate surrounding the underlying philosophy of trade between such schools of thought as: Free Trade, Trading Blocks, Managed Trade and Protectionism.
Graduate Course Descriptions

**POL 5693 - Contemporary Internat Issues**
An in-depth analysis of selected issues confronting the international political, security, and economic environment. Overage of issues will vary depending on the interests of the instructor and on recent international developments. May be repeated for credit with permission of the student’s advisor.

**POL 5703 - Theories-Comparative Politics**
An overview of the major theories and approaches to the cross-national study of politics. The common and dissimilar characteristics of democracies will be the main focus of study, though other important issues such as nationalism, ethnicity, and economic development will also receive attention.

**POL 5713 - African Political Systems**
A survey of the dynamics of Sub-Saharan African political systems. Among the topics covered will be: the legacies of colonial influences, ethnicity, African political thought, political parties and liberation movements, comparisons of various democratic, semi-democratic and authoritarian systems, and the influence of outside powers today.

**POL 5723 - Political Systems Of Asia**
This course examines the political systems of such north East Asian states as the People’s Republic of China, Japan, and the two Koreas. Important themes include the origins of their political systems, their operations, their political cultures, and the political-social-economic interactions which inform our understandings of these political systems.

**POL 5733 - Latin American Politics**
This course will study the political systems of such major Latin American countries as Mexico, Brazil, Argentina, Chile, and Columbia. It will also examine such important Latin American political themes as: dependent economic development, political stability and change, and bureaucratic authoritarianism.

**POL 5743 - European Politics**
A study of the nature of European political processes, and of issues confronting European politics. Among the topics covered are: the European “definition” of democracy, the major actors and influences within European politics, and the challenges of European integration.

**POL 5753 - Politics Of Mexico**
The course will examine Mexico’s unique political environment and political traditions, and how these manifest themselves in Mexico’s contemporary government, party politics, constitutional debate, and processes of political/social/economic change.

**POL 5763 - Politics Of Japan**
This course will examine the politics and government of Japan, incorporating a historical and cultural perspective. The main objective is to communicate a clean understanding of the Japanese political system and its decision-making processes.

**POL 5773 - Politics Of Revolution**
This course will examine the theoretical parameters of violent political change by studying the basic characteristics of major world revolutions. Specific focus will be given to recent revolutions in Latin America. The impact and duration of revolutionary change, and the methods of measuring related structural changes will also be studied.

**POL 5813 - Political Philosophy**
A focused examination of one of the major themes of political philosophy such as freedom, justice, democracy, or political economy, which applies a number of analytical methods to the selected theme.

**POL 5823 - Religion And Politics**
This course examines the relationship between religion and politics in the United States, and in selected other countries, by focusing on the participation of religious organizations in the political process and the influence of religion upon leaders of governments and political movements.

**POL 5833 - Survey Of American Pol Thought**
A survey of main currents in American political thought from puritanism to the present. Prerequisite(s): POL 1113.

**POL 5843 - Ancient & Medieval Pol Thought**
The development of political theories from Plato to Rousseau. Prerequisite(s): POL 1113.

**POL 5853 - Modern Political Thought**
An analysis of the development of political philosophy from John Locke to the present, including fascism, communism, and other systems of political thought. Prerequisite(s): POL 1113.

**POL 5900 - Practicum In Political Science**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**POL 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**POL 5930 - Individual Study In Government**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**POL 5950 - Internship**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**POL 5960 - Institute In Political Science**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**POL 5970 - Study Tour**
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.
PSY 5193 - Experimental Design
A foundation course which stresses the complimentary relationship between research design and statistical analysis. The course emphasizes computer applications in the areas of experimentation, psychometrics, and data analysis. Prerequisite(s): Written permission required.

PSY 5233 - Psychopathology
A study of current diagnostic criteria for psychopathology; examination of theory regarding psychopathology and personality including biological, intrapsychic, phenomenological, behavioral, sociocultural and integrative perspectives. Prerequisite(s): PSY 4753 and written permission required.

PSY 5253 - Psychodiagnostic Survey
A survey course to include examination of current methodologies for the assessment of personality functioning, ranging from structured interview to objective and projective techniques. Prerequisite(s): PSY 5793 or 5803, and written permission required.

PSY 5263 - Leg & Eth Asp Counsl
A study of the essential professional legal and ethical aspects of the counseling profession as presented in professional organization codes and current state and federal laws. Prerequisite(s): Written permission required.

PSY 5343 - Psychology As Science
A foundation course for the general experimental psychology student which examines science as a formalized epistemological system. The course emphasizes the importance of understanding scientific reasoning for: (1) psychology as a science, and (2) the professional psychologist as a critical consumer of information. Prerequisite(s): Written permission required.

PSY 5383 - Mult Analy In Psych
Multiple regression, multivariate analysis of variance and covariance, discriminant analysis, factor analysis, log linear analysis, cluster analysis (including quick cluster), and multidimensional scaling are seven multivariate analysis procedures that are examined with focus on when and why each is used, familiarization of SPSS computer output for each technique and the examination of published research articles containing application of these techniques. Prerequisite(s): PSY 4383 or concurrent enrollment and written permission of instructor.

PSY 5433 - Theories Of Perception
Perception is the process through which living organisms, using unique and idiosyncratic sensory systems, come to know reality. Theories of perception, particularly cognitive approaches, attempt to explain interrelationships between perception, memory, and thinking with emphasis being given to language as a unique perceptual process in humans. Prerequisite(s): PSY 3903.
Graduate Course Descriptions

PSY 5483 - Theo & Tech Grp Cnsng
Introduction to group dynamics theory and group counseling techniques. Emphasis is placed on utilization of group dynamics in various counseling settings; evaluation of group dynamics as a counseling technique; observation, participation, and conducting group counseling activities. Prerequisite(s): PSY 5473 and written permission of instructor.

PSY 5493 - Competency Based Counseling
The primary focus of this course is to prepare the counseling student for entry into the first semester of practicum placement outside the university. The students will simulate all of the practicum work under the direct supervision of the UCO faculty. Students will be provided with training experiences which require the integration of their counseling, developmental, abnormal psychology, and diagnostic training. The nature and structure of the course also follows the design and requirements of council for accreditation of counseling and related educational programs. Prerequisite(s): PSY 5473, 5483 and written permission of instructor.

PSY 5553 - Mar/Fam Counsel Theo
Overview of major theories in family counseling including structural, strategies, Bowenian, and narrative. Prerequisite(s): Written permission of instructor.

PSY 5563 - Advanced Social Psychology
An in-depth study of the interaction between man and his social environment with special emphasis on current themes and methods of social research. Prerequisite(s): Written permission of instructor.

PSY 5573 - Mar/Fam: Asses Inter
This is an upper division course which provides an overview of family counseling theory as well as the major schools of family counseling. The Michael White model will be emphasized, and the successful student will leave the course with a working knowledge of the form of counseling. Prerequisite(s): PSY 5553 and written permission of instructor.

PSY 5633 - Modern Learning Theories
A comprehensive study of theories of learning and memory including a historical review and a survey of contemporary cognitive psychology. Prerequisite(s): PSY 4763 and written permission of instructor.

PSY 5643 - Empirical Basis of Therapy
This course is designed to prepare the student for clinical work in counseling. The course will promote knowledge and understanding of those counseling variables and counseling techniques that are supported by empirical research. Prerequisite(s): PSY 5473 and written permission.

PSY 5683 - Adv Tech Of Counsel
An in-depth study of contemporary counseling theory emphasizing critiquing and preparation of counseling tapes. Prerequisite(s): Written permission of instructor.

PSY 5722 - Intro School Psy Ser
A course designed to aid school psychometrist and school psychologists to explore their role and function, ethics for their discipline, legal implications, current research on assessment of children and adults, school placement, classroom management, referral sources, therapeutic intervention strategies, consultation, and professional affiliation. Prerequisite(s): Written permission of instructor.

PSY 5753 - Advanced SPSS
Emphasis is placed on coding data for data files, writing SPSS control files to read the data file to complete the SPSS procedures covered range from basic data transformations to complex multivariate procedures. Prerequisite(s): PSY 3813; PSY 4383 preferred and written permission of instructor.

PSY 5803 - Ind Test Tech-Wechler
A study of the rationale and administration of the Wechsler tests. Emphasis is on administration and diagnostic uses of both adult and children scales. Prerequisite(s): Admission to the program and written permission of instructor.

PSY 5813 - Diagnostic Testing Techniques
A survey of diagnostic techniques which would deal with sensory motor skills, language development, and social and emotional development. Emphasis would be placed on the rationale and functions of such instruments which would help specialists in reading, counseling, and psychometry to evaluate those aspects of behavior not currently assessed by traditional testing procedures. Prerequisite(s): PSY 5793 or 5803 and written permission of instructor.

PSY 5900 - Practicum In Psychology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): PSY 5483 or 5813 and written permission of instructor.

PSY 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Written permission of instructor.

PSY 5930 - Individual Study In Psychology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PSY 5950 - Internship In Psychology
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

PSY 5960 - Institute In Psychology
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.
## Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Subject Matter</th>
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</thead>
<tbody>
<tr>
<td>PSY 5970</td>
<td>Study Tour</td>
<td>1-2</td>
<td>Field of study</td>
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<tr>
<td>PSY 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>Field of study</td>
</tr>
<tr>
<td>PTE 5000</td>
<td>Workshop</td>
<td>1-4</td>
<td>Field of study</td>
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<tr>
<td>PTE 5013</td>
<td>Found Of Educ Research</td>
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<tr>
<td>PTE 5112</td>
<td>Modern Philosophies of Educ</td>
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<tr>
<td>PTE 5142</td>
<td>History Of Education</td>
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<tr>
<td>PTE 5153</td>
<td>Adv Dev Psy In Educ Setting</td>
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<tr>
<td>PTE 5172</td>
<td>Educational Sociology</td>
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<tr>
<td>PTE 5203</td>
<td>Adv Educational Psy</td>
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<tr>
<td>PSY 5900</td>
<td>Thesis</td>
<td>1-6</td>
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<tr>
<td>PSY 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td></td>
</tr>
<tr>
<td>PTE 5000</td>
<td>Workshop</td>
<td>1-4</td>
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</table>

### PROFESSIONAL TEACHER EDUCATION (PTE)

#### Department of Professional Teacher Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Subject Matter</th>
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</thead>
<tbody>
<tr>
<td>PTE 5500</td>
<td>Educational Sociology</td>
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<tr>
<td>PTE 5513</td>
<td>Educational Statistics</td>
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<tr>
<td>PTE 5563</td>
<td>Curr Develop for Elem Schools</td>
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<tr>
<td>PTE 5632</td>
<td>Adv Psy of Adolescence</td>
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<tr>
<td>PTE 5700</td>
<td>Practicum In Teacher Education</td>
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<tr>
<td>PTE 5910</td>
<td>Seminar / Special Topics</td>
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</tbody>
</table>

**Note:** Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.
Graduate Course Descriptions

PTE 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PTE 5950 - Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

PTE 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

PTE 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

PTE 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

READING (READ)
Department of Special Services

READ 5000 - Workshop In Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, film, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

READ 5023 - Dev/Corr Clssrm Rdg Exp
This course provides classroom experience for teachers meeting the needs of readers in developmental/corrective groups. Special attention will be given to the task of identifying, within the classroom, reading levels/problems.

READ 5443 - Adv Diag Prescr Procedures
An in-depth study of various instruments which assess language processing/development, modality adequacy, and reading skills with suggested materials/techniques appropriate for work in those areas. Additional study will be directed to interpreting WISC-R profiles and relating them to the reading process. Prerequisite(s): READ 5843.

READ 5613 - Sec/Adult Disable Re
This course is designed for the teacher desiring experience in testing and teaching the disabled secondary/adult learner. The course will be conducted for two hours, plus an hour arranged. The first two hours will be devoted to the clinical aspects of the course. Each clinical student will be assigned a disabled reader in a practicum for the purpose of remedial assistance. One hour will be devoted to consultations between the supervising professor and the class members. The main focus of concern is threefold: 1) explanation of diagnostic administration and interpretation 2) outlining measures of implementation for a prescriptive program and 3) understanding the psychological, social and intellectual needs of the secondary/adult disabled reader.

READ 5623 - Foundations & Survey Reading
An introductory course giving an overview of current practices in teaching reading, remedial and developmental reading techniques and a review of recent research in reading.

READ 5663 - Theoretical Basis Of Reading
The theoretical basis of reading includes the cognitive impact on how one learns to read using the psychological, physiological and cognitive model.

READ 5712 - Org & Superv Reading Programs
Policies and techniques of planning, implementing and supervising of reading centers and programs in schools and school systems.

READ 5833 - Diagnosis/Intervention in Rdgng
Students learn to identify children with reading difficulties and develop strategies for remediation. Methods of teaching reading and implementation are the primary focus of this class. The children, who are instrumental in this practicum experience, exhibit exceptionalities, individual differences, and cultural and linguistic diversity.

READ 5843 - Diag & Correction Rdg Disab
An overview of the principles and procedures for diagnosing and correcting reading disabilities. Under the supervision of a reading clinician, students will work with reading disability cases in the reading clinic.

READ 5853L - Clin Prac In Rdg Lab
Lab for READ 5853. Summer sessions only.

READ 5854 - Clinical Practices In Reading
A practicum in the reading clinic with enrollees working with disabled readers.

READ 5900 - Practicum In Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

READ 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

READ 5930 - Individual Study In Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

READ 5950 - Internship In Reading
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

READ 5960 - Institute In Reading
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Subject Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 5970</td>
<td>Study Tour</td>
<td>1-2</td>
<td>Varies within department's field of study.</td>
</tr>
<tr>
<td>READ 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>Varies within department's field of study.</td>
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</tbody>
</table>

**RECREATION (REC)**
Department of Kinesiology and Health Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Subject Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 5362</td>
<td>Therapeutic Recreation</td>
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<tr>
<td></td>
<td>History and principles of therapeutic recreation in the United States. The organization and management of programs serving the various exceptionalities and age groups. Current opportunities for employment and required training.</td>
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<tr>
<td>REC 5602</td>
<td>Community Recreation</td>
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<tr>
<td></td>
<td>Investigation into the structure of community recreation systems and programs. Study of needs, leadership, facilities and personnel involved.</td>
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<tr>
<td>REC 5910</td>
<td>Seminar / Special Topics</td>
<td>1-4</td>
<td>Varies within department's field of study.</td>
</tr>
<tr>
<td>REC 5930</td>
<td>Individual Study In Recreation</td>
<td>1-4</td>
<td>Varies within department's field of study.</td>
</tr>
<tr>
<td>REC 5950</td>
<td>Internship In Recreation</td>
<td>1-8</td>
<td>Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
</tbody>
</table>

**SUBSTANCE ABUSE STUDIES (SAS)**
Department of Sociology/Criminal Justice/Substance Abuse Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Subject Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAS 5000</td>
<td>Workshop</td>
<td>1-4</td>
<td>Varies within department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
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<tr>
<td>SAS 5273</td>
<td>Substance Abuse And The Family</td>
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<tr>
<td></td>
<td>This course is designed to provide the student with an overview of the dynamics of functional family systems. The course provides insight into the effects of chemical dependency on the family. The student is guided in exploring and identifying many of the characteristics of healthy and unhealthy family systems, including physical, emotional, and sexual abuse issues. In addition, family structure, rules, roles, boundary systems, and cultural differences are addressed. Also included in this course are the basic techniques for prevention, intervention, family treatment, and recovery of the dependent person(s) and other family members. An in-depth research paper on an appropriate subject is prepared by each student. Prerequisite(s): 12 undergraduate semester hours in sociology and/or psychology.</td>
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<td>SAS 5303</td>
<td>Subs Abuse In Special Pop</td>
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<td>This course addresses various SOCCultural factors influencing use and abuse of alcohol and other drugs in selected subgroups of American society and the effect of these influences on the treatment and recovery processes for chemical dependency. Special populations included are women, adolescents, elderly, racial/ethnic groups, gays and lesbians, high-risk professional groups, criminals, the mentally ill.</td>
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<tr>
<td>SAS 5333</td>
<td>Adv Cnsl Skills/Subs Abuse</td>
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<td></td>
<td>This course examines the helping relationship, including skills relevant to working with persons affected by chemical dependency. The course will include examination of qualities of a functional helping relationship and social-psychological issues involved in working with the chemically dependent person such as denial, treatment goals, and when/how to intervene in the dysfunctional personal/social world of this person. The course will include demonstration and role-playing of techniques of a functional helping relationship. Prerequisite(s): SOC 3023.</td>
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<tr>
<td>SAS 5343</td>
<td>Prevention/Educ In Subs Abuse</td>
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<td></td>
<td>This course will examine contemporary prevention theories and the basic strategies of comprehensive prevention programming. The course will explore historical and current prevention programs. The course will examine the process of implementing prevention programs in communities through community mobilization and action planning. The course will explore prevention as a method of thinking about problems and issues.</td>
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<tr>
<td>SAS 5900</td>
<td>Practicum</td>
<td>1-4</td>
<td>Varies within department’s field of study.</td>
</tr>
<tr>
<td>SAS 5910</td>
<td>Seminar / Special Topics</td>
<td>1-4</td>
<td>Varies within department’s field of study.</td>
</tr>
<tr>
<td>SAS 5930</td>
<td>Ind Study</td>
<td>1-4</td>
<td>May be repeated for credit up to four hours.</td>
</tr>
<tr>
<td>SAS 5950</td>
<td>Internship</td>
<td>1-8</td>
<td>Supervised practical experience gained in the professional field of an advanced or graduate student.</td>
</tr>
</tbody>
</table>
**Graduate Course Descriptions**

**SAS 5960 - Institute**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**SAS 5970 - Study Tour**  
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

**SAS 5990 - Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**SAFETY (SFTY)  
Department of Occupational and Technology Education**

**SFTY 5000 - Workshop In Safety Education**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**SFTY 5013 - Alcohol And Drug Education**  
This course is designed to explore the magnitude of the use of alcohol and drugs in our society. The individual is encouraged to explore the areas before making a decision concerning the use or nonuse of these substances.

**SFTY 5053 - Lab Pract Indus Saf**  
This course is designed to help students recognize hazards in the workplace. Emphasis is placed on proper identification of tools, machines, machine parts, and accessories. Exercises are included for practice or writing reports, descriptions, and keeping records related to industrial safety. Prerequisite(s): Must be an Industrial Safety major and have completed a minimum of 12 hours in the field.

**SFTY 5083 - Industrial Safety II**  
An examination of the principles of safety engineering and technology that are common and fundamental to all areas of occupational safety and health. Prerequisite(s): SFTY 3073.

**SFTY 5123 - Industrial Hygiene**  
This course is a study of environmental factors that occur in industry that contributes to worker illness and injury. Topics include material safety data sheets, general principles, transmission, control, and prevention of organic and inorganic, radiation, heat and noise stresses, and other concerns of the industrial hygiene discipline will be considered.

**SFTY 5142 - Respiratory Protection**  
A study of the anatomy and physiology of the respiratory system. Data will be presented as they relate to specific regulatory standards and management of a respiratory program. Prerequisite(s): SFTY 5152

**SFTY 5152 - Personal Protective Equipment**  
A study of the selection, use, care and maintenance of various types of personal protective equipment commonly used in industry, and an overview of the anatomy and physiology of the body organs that each type of equipment is designed to protect.

**SFTY 5163 - Environmental Safety**  
A study of the characteristics of regulated hazardous wastes, the principles of hazardous waste management, and the OSHA regulations pertaining to the protection of workers in hazardous waste operations. Prerequisite(s): SFTY 2502.

**SFTY 5173 - Fire Preven, Protec**  
This course is designed to prepare the safety professional/other safety personnel for industry. Among the areas included are: factors contributing to industrial fires, the chemistry of fires, the classification of fires, special systems and agents, identification of hazardous materials, and fire prevention activities.

**SFTY 5203 - Prin, Hist,& Phil Of SaEd**  
A study of the basic branches of philosophy as they relate to the individual’s way of life in the area of education for safe living, basic concepts of safety education, safety education objectives in a modern society. Also, the study of the basic principles of safety education, the evaluation of the safety process in making for the individual more and better adventures.

**SFTY 5213 - Chem/Tox Haz Mat/Was**  
A study of the major categories of hazardous chemicals, their chemical and physical properties, and their toxicological effects on the human body. Prerequisite(s): SFTY 2502.

**SFTY 5222 - Industrial Fire Systems**  
This course is designed to prepare the safety professional and other safety personnel for industry. Areas include fire detection systems, extinguishing systems and fire safety systems. Prerequisite(s): SFTY 2343.

**SFTY 5232 - Life Safety Code**  
Life safety codes are critically examined within the scope of pertinent standards and codes to assure safety from fire and its effects. All classifications of occupancies will be defined in the course.

**SFTY 5243 - Industrial Noise Control**  
This course will provide an overview of the fundamentals of sound and sound measurements, audiogram interpretation, noise effects, noise legislation, effective hearing conservation, noise control management, and design for abatement. Attention is given to the prevention of hearing loss through engineering control and hearing conservation programs. Students will have the opportunity to analyze their own audiograms courtesy of a local safety consultant firm.
Graduate Course Descriptions

SFTY 5303 - Drivr & Trafic Sfty II
Special attention is given to administrative policies and practices, and selection, organization, and program evaluation. A study on qualification and certification standards for teachers of high school driver education, community resources, instruction strategy, evaluation of instructional materials and equipment. Laboratory practices will include experience in programming. Prerequisite(s): SFTY 3203.

SFTY 5323 - Underground Storage Tank Mgmt
This course will present information about the safety concerns associated with, and environmental hazards common to aboveground and underground petroleum storage tanks. The course will consist of lectures, guest speakers from regulatory and consulting arenas, and field trips. Particular attention will be paid to regulator requirements, environmental impacts, and remediation technologies for cleanup of spills emanating from leaking tanks.

SFTY 5333 - Storm Water Management
This course addresses the applicable laws, rules, and regulations that pertain to the control, management, identification, and analysis of storm water and its associated environmental problems. Included is a review of the Clean Water Act, EPA’s proposed and final rules, the Federal Register and the Code of Federal Regulations.

SFTY 5402 - Supervision Of Transportation
A study of transportation as it relates to industrial concerns, including hazardous materials, driver selection, accidents, and other safety areas.

SFTY 5412 - Hazard Communication
Upon completion of this course, the student will be familiar with the principles of hazard and risk communication, the principles of design and delivery of hazard training programs, and the elements of an acceptable hazard communication program.

SFTY 5423 - Applied Ergonomics
This course explores methodologies and considerations involved with establishing an applied ergonomics program within industry included are methods for assessing ergonomic problems and needs, record keeping, work task analysis, investigation techniques, and corrective actions for reducing and/or eliminating ergonomic risk factors. Prerequisite(s): SFTY 3333.

SFTY 5433 - Occupational Risk Management
This course will prepare the prospective safety manager to plan, coordinate and control activities in the work place. Both physical risk and legal risk will be studied. Prerequisite(s): SFTY 4083.

SFTY 5443 - Asbestos and Lead Management
This is a course in methods and practices used to determine the extent of hazards posed by the presence of asbestos-containing materials and lead paint in the workplace, the environment, and in the home. The course will familiarize the student with federal, state, and local laws and regulations governing these hazards, and the methodologies used to either remove asbestos and lead paint, or to maintain them in situ while keeping personal and environmental risks within acceptable levels.

SFTY 5453 - Hazard Waste Oper & Emer Res

SFTY 5502 - Traffic Engineering
This course is designed to orient the driver and safety educator to the basic characteristics and operations of the traffic engineering Department; devices and techniques, signals, parking restrictions, coordination of traffic lights, channelization, redesign of intersections, utilization of reversible lanes or unbalanced flow, pedestrian controls and the use of signs and pavement markings.

SFTY 5522 - Industrial Process Safety
An examination of industrial processes, detailing health and safety consideration. Included are processes involving industrial coating, welding, robotics, lasers, conveyors, machine tooling, injection molding, forging and stamping. Prerequisite(s): SFTY 3073.

SFTY 5613 - Professional Safety Devel
This course is the study of ethical, legal, technical, and regulatory requirements related to the professional practice of Industrial Safety. Included are the analyses of the various categories of expertise required in order to become a professionally and legally recognized practitioner of Industrial Safety.

SFTY 5900 - Practicum In Safety Education
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SFTY 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SFTY 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SFTY 5950 - Internship In Safety Education
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.
## Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
<th>Credit Hours</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFTY 5900</td>
<td>Institute In Safety</td>
<td>Department of Special Services</td>
<td>1 to 8 hours</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SFTY 5970</td>
<td>Study Tour</td>
<td>Department of Special Services</td>
<td>1 to 2 hours</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SFTY 5990</td>
<td>Thesis</td>
<td>Department of Special Services</td>
<td>1 to 6 hours</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
</tbody>
</table>

### SPEECH/LANGUAGE PATHOLOGY (SLP) Department of Special Services

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLP 5000</td>
<td>Workshop</td>
<td>A survey of the principles, concepts and terminology fundamental to the professions of speech-language pathology and audiology.</td>
<td></td>
</tr>
<tr>
<td>SLP 5013</td>
<td>Founds Speech-Lang Path</td>
<td>A detailed examination of the nature and definition of fluency disorders (stuttering and cluttering). Theories regarding etiology and their implications for evaluation and management of fluency disorders are studied.</td>
<td>Written permission required.</td>
</tr>
<tr>
<td>SLP 5023</td>
<td>Fluency Disorders</td>
<td>Advanced study of physical and physiological aspects of speech production and reception. Includes analysis of acoustic signals and speech synthesis.</td>
<td></td>
</tr>
<tr>
<td>SLP 5112</td>
<td>Speech And Hearing Science</td>
<td>In-depth examination of high-risk infant/toddler development and implications for speech-language development. Includes information relative to defining the at-risk population incidence of high-risk infants, medical terminology specific to the population, infant communication development assessment data and materials. Models for parent/professional facilitation of communication skills are discussed.</td>
<td></td>
</tr>
<tr>
<td>SLP 5232</td>
<td>Communication Dis Infant/Tddlr</td>
<td>Detailed study of diagnostic tools and techniques specifically related to speech and language disorders.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5243</td>
<td>Diag Meths Speech-Lang Path</td>
<td>Detailed examination of the theories of language development, and the associated behavioral, cognitive and social factors. Specific emphasis on analysis and coding of morphologic, syntactic, semantic and pragmatic features in the language of children and adolescents.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5262</td>
<td>Advanced Language Disorders</td>
<td>In-depth examination of the theoretical foundations, formal standardized tests, language sampling and analysis techniques for assessment of language disorders in children and adolescents. Includes detailed study of various procedures for language intervention.</td>
<td>Written permission required.</td>
</tr>
<tr>
<td>SLP 5282</td>
<td>Adv Articulation Disorders</td>
<td>Detailed study of the principles and procedures for assessment and remediation of articulation and phonological disorders.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5292</td>
<td>Aphasia II</td>
<td>Detailed study of the procedures for evaluation and management of neurogenic communication disorders including the aphasias, dysarthria, apraxia, and dementia.</td>
<td>Written permission required.</td>
</tr>
<tr>
<td>SLP 5302</td>
<td>Augmentative Communication</td>
<td>A detailed examination of the theoretical foundations, formal standardized tests, language sampling and analysis techniques for assessment of language disorders in children and adolescents. Includes assessment and remediation of articulation and phonological disorders.</td>
<td>Written permission required.</td>
</tr>
<tr>
<td>SLP 5314</td>
<td>Language Disorders</td>
<td>In-depth examination of high-risk infant/toddler development and implications for speech-language development. Includes information relative to defining the at-risk population incidence of high-risk infants, medical terminology specific to the population, infant communication development assessment data and materials. Models for parent/professional facilitation of communication skills are discussed.</td>
<td></td>
</tr>
<tr>
<td>SLP 5323</td>
<td>Voice Disorders</td>
<td>Detailed study of the nature of language disorders in children and adolescents, including etiologies, classification, assessment and management. Specific emphasis includes principles and procedures for application of standardized test instruments, language sampling and analysis, informal assessment and developing intervention strategies.</td>
<td></td>
</tr>
<tr>
<td>SLP 5332</td>
<td>Legal Aspects Speech-Lang Path</td>
<td>A detailed examination of the theoretical foundations, formal standardized tests, language sampling and analysis techniques for assessment of language disorders in children and adolescents. Includes assessment and remediation of articulation and phonological disorders.</td>
<td></td>
</tr>
<tr>
<td>SLP 5343</td>
<td>Dysphagia</td>
<td>Detailed study of the nature and definition of fluency disorders (stuttering and cluttering). Theories regarding etiology and their implications for evaluation and management of fluency disorders are studied.</td>
<td></td>
</tr>
</tbody>
</table>

#### SLP 5262 - Advanced Language Disorders

An in-depth examination of the theoretical foundations, formal standardized tests, language sampling and analysis techniques for assessment of language disorders in children and adolescents. Includes detailed study of various procedures for language intervention. **Prerequisite(s):** Written permission required.

#### SLP 5282 - Adv Articulation Disorders

An in-depth study of the principles and procedures for assessment and remediation of articulation and phonological disorders. **Prerequisite(s):** Permission required.

#### SLP 5292 - Aphasia II

A detailed study of the procedures for evaluation and management of neurogenic communication disorders including the aphasias, dysarthria, apraxia, and dementia. **Prerequisite(s):** SLP 5363, permission required.

#### SLP 5302 - Augmentative Communication

Lecture series and independent study of the selection and use of augmentative and alternative systems of communication with severely communicatively handicapped individuals. **Prerequisite(s):** Written permission required.

#### SLP 5314 - Language Disorders

Detailed study of the nature of language disorders in children and adolescents, including etiologies, classification, assessment and management. Specific emphasis includes principles and procedures for application of standardized test instruments, language sampling and analysis, informal assessment and developing intervention strategies. **Prerequisite(s):** Permission required.

#### SLP 5323 - Voice Disorders

A detailed examination of the theoretical foundations, formal standardized tests, language sampling and analysis techniques for assessment of language disorders in children and adolescents. Includes assessment and remediation of articulation and phonological disorders. **Prerequisite(s):** Written permission required.

#### SLP 5332 - Legal Aspects Speech-Language Pathology

Lecture series concerning the legal implications of engaging in the practice of Speech-Language Pathology. Includes ethical bases of the profession and federal, state and common law requirements for both the private and public practitioner. **Prerequisite(s):** Permission required.

#### SLP 5343 - Dysphagia

This course represents a study of the etiologies, assessment, and treatment of disturbances in oral-motor functioning for speech and swallowing in children and adults. This course replaces SLP 5342. **Prerequisite(s):** Written permission required.
Graduate Course Descriptions

SLP 5352 - Cleft Palate
Examination of the anatomy, embryology, and etiology and classification of clefts of the lip palate. Emphasis on the evaluation of the effects of cleft palate on speech and the management of cleft palate speech. Prerequisite(s): Permission required.

SLP 5363 - Aphasia I
A detailed study of the neurological/physiological basis and the procedures for evaluation and management of neurogenic communication disorders, including aphasias, dysarthrias, and apraxia. Prerequisite(s): Permission required.

SLP 5713 - Clin Meth Spch-Lang
This course examines the clinical foundations of speech-language pathology. Principles and procedures for the evaluation and management of communication disorders are studied. Methods for obtaining and analyzing behavioral data for clinical and research applications are examined in detail. Prerequisite(s): SLP 4054, 4673.

SLP 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SLP 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SLP 5930 - Ind Study
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

SLP 5950 - Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

SLP 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

SLP 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

SLP 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

SOC 5000 - Workshop In Sociology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master’s degree.

SOC 5043 - Sociological Statistics
Statistical applications in sociological research are emphasized in this course. Students learn to use traditional statistical treatments to describe sociological data. They learn to use decision-making statistics to make inferences about the relations between variables. They also learn to employ computer applications of statistical procedures in the analysis of sociological data. This course replaces SOC 5783. Prerequisite(s): Undergraduate degree in sociology or related area.

SOC 5053 - Sociology Of Aging
This course is designed to acquaint students with the magnitude of the aging situation in America and to become informed about the social, psychological, economic, and political problems associated with the increasing number of people reaching retirement age in America. Prerequisite(s): 3 hours of sociology.

SOC 5103 - Urban And Rural Communities
Principles of community organization, the general attributes of communities, the special features of folk and modern city societies developed in contrast. Prerequisite(s): 9 hours of sociology.

SOC 5233 - Human Behavior/Social Environ
In this course, various social systems are analyzed in regard to their impact upon the quality of human life. Human development theories and research are than studied chronologically, as they relate with environmental factors to determine the human condition. For each age group, sociological, psychological, and biophysical variables are examined, as well as the impact of diversity upon human behavior and social life.

SOC 5243 - Social Deviance
This course defines social deviance, analyzes theories of deviance, examines social reactions to and social control of deviance, and looks at the effects of deviant identity. The above information then is applied to an understanding of several specific types of deviance, e.g., child abuse, alcoholism, suicide. Prerequisite(s): SOC 2103 and 6 hours of sociology.

SOC 5403 - Social Ecology And Demography
An analysis of population movements and their effects on ecological and demographic factors in the society.

SOC 5443 - Social Stratification
Theories of class and caste; wealth, status, and power; the American class system. Prerequisite(s): 9 hours of sociology.

SOC 5463 - The Abused
This course is designed to equip students preparing for work in the helping professions to identify symptoms of abuse, and other forms of trauma, and to design and carry out treatment plans specifically developed to ameliorate resultant mal-
Graduate Course Descriptions

SOC 5513 - Contemporary Social Movements
A critical consideration of social problems, causes of social maladjustments, a consideration of means for the amelioration of social ills.

SOC 5573 - Soc Of Childhood/Adolescence
A study of the group phases of childhood, child welfare, and the sociological analysis of child and adolescence.

SOC 5633 - Social Welfare Theory
Theory, structure and techniques of private, municipal, state, and federal welfare agencies.

SOC 5693 - Sociological Theory
A study of both classical and contemporary sociological theorists. Emphasis is on understanding the biographical, social, and philosophical context of theory. An understanding of how to apply various sociological perspectives is also presented. Prerequisite(s): SOC 3103 or 3633 or 4243.

SOC 5773 - Sociological Research
This course teaches students a variety of research designs used in social research, e.g., experiments, quasi-experiments, and correlational designs. The merits and shortcomings of each technique are reviewed, as well as related issues such as reliability and validity, correlation vs. causation, generalizability, the relationship between theory and research, and ethical considerations. Students also learn to design and implement several research projects. The major emphasis in this course is quantitative research design, with some attention given to qualitative research procedures. Prerequisite(s): Undergraduate degree in sociology or related areas.

SOC 5900 - Practicum In Sociology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SOC 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SOC 5930 - Individual Study In Sociology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SOC 5950 - Internship In Sociology
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

SOC 5960 - Institute In Sociology
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

SOC 5970 - Study Tour In Sociology
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

SOC 5990 - Thesis In Sociology
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

SOCIAL STUDIES (SOST)
Department of History & Geography

SOST 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SPANISH (SPAN)
Department of Modern Languages, Literature & Cultural Studies

SPAN 5000 - Workshop In Spanish
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

SPAN 5203 - Rdgs In Span Culture And Civ
Prerequisite(s): Eighteen hours of Spanish.

SPAN 5223 - Advanced Spanish Grammar
Prerequisite(s): Eighteen hours of Spanish.

SPAN 5303 - Women Writing In Span America
This course provides a comprehensive overview of Spanish American literature by women writers from diverse periods and geographic regions of Central and South America, Mexico, and the Caribbean. Concepts introduced include issues influencing women’s roles in Spanish America, such as silencing, otherness, and mythical images of women leading to the formation of false identities. These notions and others are considered in relation to influential political and religious institutions often regarded as instruments of oppression. Prerequisite(s): 17 hours in Spanish and permission of the instructor.

SPAN 5403 - Cont Spanish American Drama
This course introduces students to Spanish American dramatic works dating from approximately 1950 to the present. Among the topics to be explored are the concepts of socially-committed theater, political oppression, dehumanization, lack of communication, and the isolation of the individual from self and society. Prerequisite(s): 17 hours of Spanish and permission of the instructor.
<table>
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<tbody>
<tr>
<td>SPAN 5900</td>
<td>Practicum In Spanish</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SPAN 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of Spanish.</td>
</tr>
<tr>
<td>SPAN 5930</td>
<td>Individual Study In Spanish</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SPAN 5950</td>
<td>Internship In Spanish</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>SPAN 5960</td>
<td>Institute In Spanish</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>SPAN 5970</td>
<td>Study Tour</td>
<td>Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>SPAN 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>SPED 5000</td>
<td>Workshop In Special Education</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>SPED 5102</td>
<td>Lang Devel Spec Educ</td>
<td>This course will explore language acquisition, language development and components, communication progression, and recognition of non-symbolic communication. Language assessment, formal and informal language teaching strategies, remediation activities, and language service delivery models will be examined. Prerequisite(s): SPED 4123.</td>
</tr>
<tr>
<td>SPED 5123</td>
<td>Theories And Tech Except Indiv</td>
<td>A study of the learning, behavioral, and emotional characteristics of exceptional students. Included is the role of the general and special educator in meeting needs of individuals with various disabilities through different curriculum and instructional strategies.</td>
</tr>
<tr>
<td>SPED 5212</td>
<td>Legal Aspects In Special Ed</td>
<td>This course seeks to explore issues relating to the needs and concerns of parents of exceptional individuals. A survey of current legal issues affecting the rights and responsibilities of individuals with exceptionalities, their parents and teachers will be discussed. Prerequisite(s): SPED 4123.</td>
</tr>
<tr>
<td>SPED 5242</td>
<td>Found Of M/M Disabil</td>
<td>This course is designed to assist students in developing proficiency in recognizing characteristics of the Early Child with Disabilities, Learning Disabled, Emotionally Disturbed, and Mentally Challenged student at the mild and moderate levels. Characteristics to be explored include motor, emotional, cognitive, social, health impairments, and behavioral. In addition, common causes and the effects of each characteristic will be explored. Prerequisite(s): SPED 4123.</td>
</tr>
<tr>
<td>SPED 5252</td>
<td>Found Sev/Prof Disab</td>
<td>This course explores the various definitions of severe disabilities and describes the influence that these definitions have on the design of educational and community service programs. This course reviews the history of this population, discusses the role of families, friends, society, critical issues, ethical framework and educational issues. Prerequisite(s): SPED 4123.</td>
</tr>
<tr>
<td>SPED 5212</td>
<td>Assess/Except Indiv</td>
<td>Principles and guidance will be discussed as it applies to the educational needs of children with exceptionalities. A survey of educational and psychological educational evaluation instruments will be explored as used in the referral, assessment and placement of children with exceptionalities. Emphasis will be based upon a unified team approach of differential diagnosis and treatment including state and federal mandates.</td>
</tr>
<tr>
<td>SPED 5402</td>
<td>Prog Develop &amp; Admin In Spced</td>
<td>Examination of the social and psychological factors involved in program organization and management in special education. Focus will be on the factors affecting the establishment and operation of services for the exceptional student. Prerequisite(s): SPED 4722.</td>
</tr>
<tr>
<td>SPED 5443</td>
<td>Behavior Classroom Management</td>
<td>The development of principles and procedures of behavioral change within the conceptual framework of social learning theory. The course emphasizes practical application of behavioral modification techniques in everyday settings and situations. Variations discussed include the training of parents and teachers to work with children, the introduction of token learning principles into the home and school, and modification of peer and supervisor behavior. Prerequisite(s): SPED 4123.</td>
</tr>
<tr>
<td>SPED 5452</td>
<td>Cur Mod/Asst Tech In Spec Ed</td>
<td>This course will provide an overview of the instructional assistive, independent-living, and rehabilitation technology designed and adapted for exceptional individuals. The</td>
</tr>
</tbody>
</table>
**Graduate Course Descriptions**

**SPED 5543 - Coun Fam of Indiv with Dis**
This course develops expertise in assisting families of individuals with disabilities and is designed for students pursuing professions in education, psychology, counseling, social work, and others. It will focus on the ethical issues and legal foundations needed for consultation and collaboration with parents and other professionals who provide services to individuals with disabilities. Prerequisite(s): Permission of graduate advisor.

**SPED 5582 - Secondary Special Education**
Special class organization, curriculum adjustments and introduction to methods and techniques of teaching junior and senior high school special education students. The goals and purposes of work study programs including the cooperative role between special education, vocational education, and vocational rehabilitation will be given special emphasis.

**SPED 5563 - Proc Mild/Mod LD**
A study of characteristics, identification, evaluation, program options, and learning procedures for individuals who are normal or near normal in intelligence but experience a lack of academic achievement because of characteristics consistent with central nervous system dysfunction. Diagnosis and remediation of disorders in reading, written expression, reasoning, listening, speaking, and mathematical abilities will be addressed. Prerequisite(s): SPED 4123.

**SPED 5592 - Proc Mild/Mod LD**
This course will study the academic, behavioral, emotional, and social procedures available to teach the student with severe to profound physical disabilities. Curriculum modifications will be researched pertaining to the wide range of physical and health problems of students with severe-profound physical and health disabilities. Specialized physical equipment and medical adaptations for this population will be explored in depth. Prerequisite(s): SPED 4123 or 5123.

**SPED 5653 - Proc Sev/Prof MR**
A study of characteristics, diagnosis, ideology and characteristics of students with mental retardation. The course is designed to teach skills necessary to design a program for students functioning at mild/moderate levels of Emotional/Behavioral Disorder, Learning Disabled, and Mental Retardation, and Early Childhood Development Delays. The Great Expectations Teaching Model and Priority Academic Student Skills Core Curriculum, counseling techniques, transition programs, and parent involvement training/behavior management programs will be explored to meet specific needs of Oklahoma School Districts. Collaboration and communication strategies will also be explored. Prerequisite(s): SPED 4123 or 5123.

**SPED 5842 - Curr Dev M/M Disabil**
The course is designed to teach skills necessary to design a program for students functioning at mild/moderate levels of Emotional/Behavioral Disorder, Learning Disabled, and Mental Retardation. Emphasis is placed upon the academic, behavioral, emotional, and social needs of this severe-profound disabilities population. Prerequisite(s): SPED 4123 or 5123.

**SPED 5743 - Proc Mild-Mod Emotional Behav**
A study of characteristics, problems of identification and educational programs for students with emotional disturbance and social maladjustment in public schools, day care centers, hospitals, and residential schools. Mental health principles for understanding, managing, and teaching emotionally disturbed children are included. Emphasis is placed upon the administrative provisions, theories of remediation, curriculum and materials utilized in prescriptive teaching. Prerequisite(s): SPED 4123.

**SPED 5753 - Proc Sev/Prof Emotional/behav**
This course is a study of teaching students with emotional/behavioral disorders in public schools, day care centers, hospitals, day treatment centers, and residential schools.

**SPED 5763 - Proc For Mild/Mod MR**
A study of the classification, diagnosis, ideology and characteristics of students with mental retardation. Biochemical, psychological, and socio-educational aspects are considered. Emphasis is placed upon classroom organization, curriculum adjustments and methods and techniques of teaching students with mental retardation. Prerequisite(s): SPED 4123.

**SPED 5693 - Proc Sev/Prof Phy Health Disab**
This course will study inclusion, family interaction with educators, successful exchange between home and school. The development of Individual Education Plan, Individual Family Service Plan, assessment, collaborative planning implementation, evaluation, functional assessment to develop effective behavior support. Related services, health care, mobility issues, communication, personal care, life issues-adolescence to adulthood. Cultural issues will be discussed in each area as well as individual. Prerequisite(s): SPED 4123 or 5123.

**SPED 5900 - Practicum In Special Education**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

**SPED 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.
### Graduate Course Descriptions

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<td>Varies</td>
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### Statistics (STAT) Department of Mathematics and Statistics

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<td>Non-Parametric Statistics</td>
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<td>STAT 5353</td>
<td>Probability Theory</td>
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<td>STAT 5423</td>
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<td>1-6</td>
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Graduate Course Descriptions

TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)
Department of Curriculum and Instruction

TESL 5000 - Workshop
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

TESL 5123 - Found Bil/Mult Ed
This course provides an overview of the history, philosophy and theoretical framework of bilingual/multicultural education, including the legal aspects of federal and state involvement. The purpose, instructional models, and populations served by bilingual education will be examined. Upon completion students will be able to discuss the issues concerning the development, the effectiveness, current trends, and future projections for bilingual/multicultural education programs in the U.S. Students will also develop a personal educational philosophy regarding cultural and linguistic diversity.

TESL 5133 - Meth & Mat Bil Instr
This course is designed to provide knowledge of current trends, methods, strategies and resources related to instructional issues and practices in bilingual settings. Upon completion, students will demonstrate proficiency in designing and adapting curriculum materials for bilingual classrooms, and planning and implementing bilingual instruction. Prerequisite(s): permission required.

TESL 5143 - Tch Rdg to Eng Lang Lrnrs
This course will examine the basic considerations for teaching reading to limited English speakers. Topics will include: the role and importance of literacy, assessment, readiness, language comprehension/skills development, and instructional materials, strategies and resources.

TESL 5163 - ESL In Content Areas
This course will provide a rationale for cultural and linguistic considerations in content area instruction for students who are limited English proficient. Different approaches and specific techniques for teaching English as a second language in content areas will be examined, specifically in social studies, science, and math. Upon completion, students will demonstrate an ability to design curriculum which integrate content area processes and ESL methodology.

TESL 5213 - Cult/Ling Div In Sch
This course will examine the influence of cultural and linguistic diversity in the classroom on learning styles, behavior patterns and instructional content. Theoretical and practical considerations for synthesizing multicultural curriculum design with language and concept development will be explored. Upon completion students will be able to utilize techniques and strategies that promote cross-cultural awareness and understanding and academic achievement for all students in multilingual, multicultural classrooms.

TESL 5313 - Test/Eval Bil/ESL Clsm
This course will examine the issues and concerns of language and achievement assessment in bilingual education and English as a second language programs. Various standardized test will be reviewed and analyzed. Principles and techniques of teacher-made test construction will be studied and applied in the development of an original assessment instrument. Upon completion students will prepare a professional quality assessment profile of an English language learner. Prerequisite(s): TESL 5783 or TESL 5143 or TESL 5163.

TESL 5763 - Second Language Acquisition
This course will provide an extensive review of research and literature in the field of second language acquisition. Students will examine the developmental nature of second language proficiency and the various factors that influence the process.

TESL 5783 - Tchg Eng Second Lang
This course provides the theoretical and practical foundations for teaching English as a second language. Upon completion, students will demonstrate a proficiency in utilizing ESL methodology, managing an ESL classroom and in developing and adapting supplementary materials for ESL instruction.

TESL 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

TESL 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

TESL 5930 - Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

TESL 5950 - Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

TESL 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

TESL 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

TESL 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
THEATRE ARTS (THRT)
Department of Theatre, Dance and Media Arts

THRT 5000 - Workshop In Theatre Arts
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

THRT 5213 - Shakespeare on Film
This course will guide students in exploring how Shakespeare’s plays have been adapted for film using both early cinematic techniques and modern technology. Reading a number of Shakespeare’s plays and viewing movie interpretations will serve as a base for analysis, lectures, discussion and an in-depth research project and oral presentation. Prerequisite(s): Graduate standing.

THRT 5303 - Global Theatre
This course surveys the theatrical traditions of global theatre in a variety of forms including realistic and not-realistic performances. The theatrical arts of various countries will be studied not only for their intrinsic value, but as key to understanding the cultural components which compose our global world. Prerequisite(s): Graduate standing.

THRT 5353 - Hist Theat Beg-1660
This course provides the student with a comprehensive survey of the development, important issues, prominent artists, and pivotal events in the history of the theatre from its beginning to 1660. Students will conduct independent exploration into selected aspects of theatrical development. Prerequisite(s): Graduate standing.

THRT 5363 - Hist Theat 1660-Pres
This course provides the student with a comprehensive survey of the development, important issues, prominent artists, and pivotal events in the history of the Theatre from 1660 until present. Students will conduct independent exploration into selected aspects of theatrical development. Prerequisite(s): Graduate standing.

THRT 5713 - Play Production
This course is a study of the techniques and philosophies of directing plays in the contemporary theatre and emphasizes actual practice through the preparation and presentation of scenes from modern and classic plays, producing and directing a short play and preparing in-depth studies of modern professional theatre directors. Prerequisite(s): Graduate standing.

THRT 5900 - Practicum In Theatre Arts
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

THRT 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary from within the department’s field of study.

THRT 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

THRT 5950 - Internship In Theatre Arts
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

THRT 5960 - Institute In Theatre Arts
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

THRT 5970 - Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study.

THRT 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
Plans of Study

BY COLLEGES
College of Arts, Media & Design
Plans of Study
### Plan of Study: MFA-Design

#### Recommended Undergraduate Courses

**Graphic Design**
- DES 2113 History of Graphic Design
- DES 2122 Graphic Design I
- DES 3293 Graphic Design II
- DES 2152 Illustration I
- DES 3833 Computer Graphics I
- DES 4513 Computer Graphics II
- DES 4242 Pre-Press Production
- DES 4502 Professional Practice

**Interior Design**
- DES 1113 Interior Design I
- DES 1333 Residential Design I
- DES 2143 Commercial Design I
- DES 3123 Lighting for Interior Design
- DES 3223 Materials for Interiors
- DES 3323 Rendering Techniques
- DES 3513 History of Interior Design I
- DES 3523 History of Interior Design II
- DES 3533 Residential Design II
- DES 3563 Custom Furniture
- DES 3573 Universal Design
- DES 4213 Systems Furniture
- DES 4553 Estimating for Interior Design

60 Graduate Hours minimum

#### 12 hours Required Courses

- PTE 5013 Found. of Educ. Research
- PTE 5193 Educational Statistics
- 3 hrs of ART History or DES History:
- 3 hrs of ART History or DES History:

15 hours General Electives

- __________  __________
- __________  __________
- __________  __________
- __________  __________

#### 12 hours Thesis in Design

- DES 5983 Thesis Project Proposal
- DES 5993 Thesis
- DES 5993 Thesis
- DES 5993 Thesis Presentation

21 hours Design Professional Preparation

**Design**
- DES 5211 Summer Seminar*
- DES 5233 Psychology of Design
- DES 5253 Design in Global Cultures
- DES 5273 Business of Design
- DES 5293 Design Studio*
- DES 5913 Seminar in Design
- DES 5933 Individual Study in Design
- DES 5952 Internship in Design
- DES 5971 Study Tour in Design

**Graphic Design** (with Graduate Advisor approval)
- JRN 5283 Advertising Campaigns
- ENG 5023 Advanced Technical Writing
- DES 5113 History of Graphic Design
- DES 5313 Typography Studio*
- DES 5333 Print Design Studio*
- DES 5353 Package Design Studio*
- DES 5373 Advertising Design Studio*
- DES 5423 Computer Graphics Studio*
- DES 5443 Illustration Studio*
- DES 5463 New Media Design Studio*
- DES 5483 ClockTower Studio*

**Interior Design** (with Graduate Advisor approval)
- DES 5513 History of Interior Design I
- DES 5523 History of Interior Design II
- DES 5553 History of Interior Design III
- DES 5613 Lighting Design Studio*
- DES 5633 Computer Drafting Studio*
- DES 5653 Residential Design Studio*
- DES 5713 Commercial Design Studio*
- DES 5733 Furniture Design Studio*
- DES 5753 Environ. Design Studio*
- DES 5773 Charles Evans Studio*

*May be repeated for credit, up to 9 hours

**Design Education** (with Graduate Advisor approval)
- DES 5843 Teaching Design
- ADED 5122 Found. of Training & Develop.
- ADED 5313 Techniques of Teaching Adults
- ADED 5423 Instr. Eval. in Train. and Devel.
- ADED 5453 Psych. of Adult Development
- ADED 5823 Nature & Char. of the Adult Learner
- ADED 5883 Advanced Instructional Methods

------------------------------------------
Plan of Study: MFA-Design

Dr. Joe C. Jackson College of Graduate Studies & Research
University of Central Oklahoma

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</table>
# A Formal Plan of Study

**School of Music - Graduate Division**

---

**Name:** ___________________________________________  **Date:** ___________________

**Master of Music:**  
- Performance: ____________________  
- Music Education: ____________________

**BANNER #** __________________________  **ID #** (if different from Banner) ______________

**Current Address:** _______________________________________________________________

**Permanent Address (if different):** ___________________________________________________

**Primary Instrument:** ____________________  **Phone:** (          ) ______________________

**Email:** __________________________  **Cell Phone:** (         ) ___________________________

**CATEGORY A:** Professional Studies (12-16 credit hours)  
**total** 12-16  
(Including graduate recital or final project)

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**CATEGORY B:** Music History and Literature (6 credit hours)  
**total** 6  

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**CATEGORY C:** Music Theory (6 credit hours)  
**total** 6

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**CATEGORY D:** Research Methods (2 credit hours)  
**total** 6

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**CATEGORY E:** Electives (2-6 credit hours)  
**total** 2-6

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</tbody>
</table>

TOTAL CREDIT HOURS = 32

**PROJECTED DATE OF GRADUATION:** _____________________________________________________________

---

**Graduate Advisor, Ron Howell**  
**Studio phone:** (405) 974-5752  
**Fax:** (405) 974-3891

**Committee:** ___________________________________________  
**Committee:** ___________________________________________.

---

**Student Signature/Candidate for the Master of Music Degree**  
**Date**
College of Education
Plans of Study
### ADVISEMENT WORKSHEET FOR THE MASTER OF EDUCATION DEGREE IN ADULT EDUCATION/COMMUNITY SERVICE

**Name** __________________________ **ID#** ________________________ **Date** ____________________

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<td>Cell</td>
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**Present Work Assignment**

**Organization**

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<td>ADED 5132</td>
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<td>ADED 5313</td>
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<td>ADED 5893</td>
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**Total Hrs. 14**

**Area B: Select a minimum of 15-16 hours from the following:**

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<td>ADED 5453</td>
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<td>Human Relations in T &amp; D</td>
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<td>Consulting Skills in T &amp; D</td>
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<td>Instructional Evaluation in T &amp; D</td>
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<td>Motivating the Adult Learner</td>
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<td>Training/Needs Analysis</td>
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**Total Hours**

<table>
<thead>
<tr>
<th>Area C: Approved electives to complete the 32 hours required. Courses are selected with prior approval of Program Advisor (Select 2-3 Semester Hours)</th>
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<tbody>
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<td>GERO 5363</td>
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<td>ADED 5082</td>
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</table>

**Total Hours**

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*This course should be taken during the last 4-5 hours of the program. This course cannot be taken until all required classes in Area A have been completed. If you take a course that is NOT on this sheet and do not get prior approval from the program advisor, the course will not be considered as part of your plan of study for completion of the program.*

---

**Abbreviations:**

- F=Fall
- Sp=Spring
- Su=Summer
- Alt F=Alternating Fall
- Alt Sp=Alternating Spring
- Alt Su=Alternating Summer
- T & D=Training and Development
ADVISEMENT WORKSHEET FOR THE MASTER OF EDUCATION DEGREE IN
ADULT EDUCATION/GERONTOLOGY

Name __________________________ ID# ________________________ Date ____________________
____________________________________________________________________________________
(Street) (City) (State) (Zip)
Phone: Home __________________ Bus. Cell ________________  Mail ________________________
Present Work Assignment _______________________________________________________________

Organization

Area A: Required Courses: 13 hours

<table>
<thead>
<tr>
<th>Cr. No.</th>
<th>Cr. Hrs.</th>
<th>Course Title</th>
<th>Sem. Off.</th>
<th>Hours</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>(3)</td>
<td>Foundations of Education Research</td>
<td>F, Sp, Su</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 5023</td>
<td>(3)</td>
<td>Orientation to Gerontology</td>
<td>F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 5743</td>
<td>(3)</td>
<td>Gerontology Colloquium*</td>
<td>Sp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 5902</td>
<td>(4)</td>
<td>Practicum in Gerontology or Thesis Hours</td>
<td>F, Sp, Su</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Total</td>
<td></td>
<td></td>
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</table>

Area B: Select a minimum of 14-15 hours from the following:

<table>
<thead>
<tr>
<th>Cr. No.</th>
<th>Cr. Hrs.</th>
<th>Course Title</th>
<th>Sem. Off.</th>
<th>Hours</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>GER 5363</td>
<td>(3)</td>
<td>Psychology of Aging</td>
<td>Sp</td>
<td></td>
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<tr>
<td>GER 5463</td>
<td>(3)</td>
<td>Bereavement Counseling</td>
<td>F</td>
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<td>ADED 5453</td>
<td>(3)</td>
<td>Psychology of Adult Development</td>
<td>F</td>
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<tr>
<td>GER 5443</td>
<td>(3)</td>
<td>Biology of Human Aging</td>
<td>Sp</td>
<td></td>
<td></td>
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<tr>
<td>GER 5213</td>
<td>(3)</td>
<td>Health and Social Services for Seniors</td>
<td>Sp</td>
<td></td>
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<tr>
<td>GER 5342</td>
<td>(2)</td>
<td>Politics of Aging</td>
<td>Sum</td>
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<tr>
<td>ADED 5313</td>
<td>(3)</td>
<td>Techniques of Teaching Adults</td>
<td>F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 5913</td>
<td>(3)</td>
<td>Sociology of Aging</td>
<td>Sp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 5913</td>
<td>(3)</td>
<td>Qualitative Gerontology</td>
<td>F</td>
<td></td>
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<tr>
<td>GER 5960</td>
<td>(1)</td>
<td>Medication Issues for the Older Adult</td>
<td>F</td>
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<td></td>
<td></td>
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</table>

Area C: Approved electives to complete the 32 hours required. Courses can be selected with approval of
Program Advisor (Select 4-5 Semester Hours)

<table>
<thead>
<tr>
<th>Cr. No.</th>
<th>Cr. Hrs.</th>
<th>Course Title</th>
<th>Hours</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Advisor

*This course should be taken during the last 8 hours of the program.

Abbreviations: F=Fall, Sp=Spring, Su=Summer, Alt F=Alternating Fall, Alt Sp=Alternating Spring, Alt Su=Alternating Summer, T & D=Training and Development

revised 5/13/04
Master of Education – General Education – Bilingual Education/TESL

Plan of Study

I. Professions Education ................................................................................................ 11-12 hours
   A. Research
      a. PTE 5013 Foundations of Education Research
   B. Curriculum & Media
      a. PTE 5693 Fundamentals of Curriculum Development Elementary
      b. IME 5042 Microcomputers in the Classroom
      c. IME 5352 Administration & Use of Media
      d. OCTE 5233 Curriculum Design in OCTE
   C. Psychology and Measurement
      a. PTE 5153 Advanced Developmental Psychology in Educational Settings
      b. PTE 5383 Principles of Tests and Measurements
      c. TESL 5313 Test and Evaluation in Bil/ESL Classrooms
   D. Educational Foundations
      a. PTE 5172 Educational Sociology
      b. TESL 5123 Foundations of Bilingual/Multicultural Education
      c. TESL 5961-2 Multicultural Institute

II. Curriculum Area 21-22 hours
   A. ESL/BIL/MULT
      (15 hours from the following)
      TESL 5783 Teaching English as a Second Language
      TESL 5143 Teaching Reading to English Language Learners
      TESL 5763 Second Language Acquisition
      TESL 5163 ESL in Content Areas
      TESL 5213 Cultural/Linguistic Diversity in the School
      TESL 5901-3 Practicum: TESL/Bilingual Education
   B. English (at least 6 hours)
      ENG 5283 English Grammar and Usage
      ENG 5323 History of English Language
      ENG 5343 Linguistics
      ENG 5413 Teaching ESL Grammar
      ENG 5733 ESL Pedagogy
      TESL 5910 Linguistics for Teachers

III. Electives to total ......................................................................................................... 33-34 hours
# Degree Program for the Master of Education in Early Childhood Education

## Minimum 34 Graduate Hours

### NAME OF STUDENT ____________________________________ DATE ____________________________________

### STREET ADDRESS ____________________________________ ID# ______________________________

### CITY, STATE, ZIP ____________________________________ HOME PHONE (_____) _______________

### CELL PHONE (_____) ___________________________

### PRESENT TEACHING ASSIGNMENT ___________________________ WORK PHONE(_____) _______________

### CERTIFICATION STATUS ____________________________ E-MAIL ADDRESS: ___________________________

## I. Professional Education

Minimum—12 hours

At least one course from each group:

- **Group 1 - Research**
  - PTE 5013 - Foundations of Educational Research

- **Group 2 - Curriculum & Media**
  - ECED 5223 – Educational Practices of Constructivist Teachers
  - IME 5042 – Microcomputers in the Classroom & Media Centers

- **Group 3 - Educational Psychology & Measurements**
  - ECED 5153 - Develop. Assessment Issues in Early Childhood
  - SPED 5913 - Theories & Techniques for Exceptional Individuals (if not taken for Bachelor's Degree)
  - PTE 5203 - Advanced Educational Psychology
  - PTE 5652 - Developmental Guidance in the Elementary School
  - PTE 5822 - Advanced Psychology of Childhood

- **Group 4 - Education Foundations**
  - ECED 5433 – Theoretical Perspectives of Learning & Practice
  - PTE 5112 - Modern Philosophies of Education
  - PTE 5142 - History of Education
  - PTE 5172 - Educational Sociology
  - PTE 5913 - Seminar in Education

Total Professional Education Hours __________

## II. Early Childhood Education

Minimum—15 hours

- **ECED 5512 – Professionalism & Advocacy in Early Childhood** (To be taken the first summer in the program)
- **ECED 5232 – Affirming Diversity: Multicultural Education**
- **ECED 5042 – Leadership: Empowering Families, Communities, Schools**
- **ECED 5063 – Develop., Learning, Fam. Involvement: Birth thru Three**
- **ECED 5103 – Develop., Learning, Fam. Involvement: The Child from 4-8**
- **ECED 5952 – Internship in Early Childhood** (By permission only)
- **ECED 5903 - Practicum: Early Childhood** (Capstone experience to be taken during the last six hours of program)

Total Early Childhood Hours __________

Total (p. 1) __________
NAME OF STUDENT __________________________________ DATE ___________________________________

III. ELECTIVES ............................................................................................................. Minimum 7 hours

<table>
<thead>
<tr>
<th>Group 1 – Early Childhood Certification Requirements</th>
<th>Substitutions for Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Area</strong></td>
<td></td>
</tr>
<tr>
<td>ECED 5073 Language Development &amp; Emergent Literacy</td>
<td></td>
</tr>
<tr>
<td>ELED 4063 Teaching Reading in the Primary Grades</td>
<td></td>
</tr>
<tr>
<td>ELED 4183 Assessment &amp; Intervention Practices for the Teaching of Reading in Grades K-8</td>
<td></td>
</tr>
<tr>
<td><strong>Early Childhood Emphasis</strong> – (Take course that is circled)</td>
<td></td>
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<tr>
<td>FMCD 3313 Guid. of Pre-Schl Child OR ECED 5103–Dev, Lrn, Involv: 4-8</td>
<td></td>
</tr>
<tr>
<td>FMCD 5413 Contemp American Fam OR ECED 5042–Ldrshp: Empower Fam, Comm, ScHl</td>
<td></td>
</tr>
<tr>
<td>ECED 4112 Hlth, Sfy, &amp; Nutrit. in EC OR ECED 5063–Dev, Lrn, Involv: 0-3</td>
<td></td>
</tr>
<tr>
<td>ECED 5133 Science &amp; Social Studies in Early Childhood</td>
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</tr>
<tr>
<td>ECED 5232 Affirming Diversity: Multicultural Educ. In Practice</td>
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<tr>
<td>ECED 5313 Creative Arts, Music, &amp; Movement</td>
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</tr>
<tr>
<td>ECED 5422 Parent Community Relations</td>
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<tr>
<td>ECED 5433 Theoretical Perspectives of Learning &amp; Practice</td>
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<tr>
<td>ECED 4901 Practicum: Early Childhood Education</td>
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<tr>
<td>ELED 5323 Teaching Mathematics in the Preschool &amp; Primary Grades</td>
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</table>

<table>
<thead>
<tr>
<th>Group 2 – Suggested Electives</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ECED 591 _____ Special Topics in Early Childhood Education</td>
<td></td>
</tr>
<tr>
<td>ECED 593 _____ Individual Study in:</td>
<td></td>
</tr>
<tr>
<td>ECED 5912 – Educational Strategies for Young Children with Special Needs</td>
<td></td>
</tr>
<tr>
<td>FMCD 5023 – Theories in Family Relations</td>
<td></td>
</tr>
<tr>
<td>FMCD 5373 – Lifespan Human Development in Family and Child Studies</td>
<td></td>
</tr>
<tr>
<td>FMCD 5352 – Ethics in the Helping Profession</td>
<td></td>
</tr>
<tr>
<td>READ 5913 – The Balanced Reading Program from Phonics to Comprehension</td>
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</tr>
<tr>
<td>HTH 5103 – Human Development</td>
<td></td>
</tr>
<tr>
<td>TESL 5123 – Foundations of Bilingual/Multicultural Education</td>
<td></td>
</tr>
<tr>
<td>TESL 5133 – Methods and Materials for Bilingual Instruction</td>
<td></td>
</tr>
<tr>
<td>IME 5022 – Materials Selection Print/Nonprint</td>
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</tr>
<tr>
<td>IME 5042 – Microcomputers in the Classroom and Media Center</td>
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<tr>
<td>IME 5863 – Production of Instructional Media</td>
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</tr>
<tr>
<td>NTRN 5102 – Newer Trends in Nutrition</td>
<td></td>
</tr>
<tr>
<td>PHED 5602 – Physical Education and Recreation for the Exceptional Child</td>
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</tr>
<tr>
<td>SOC 5573 – Sociology of Childhood and Adolescence</td>
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</tr>
<tr>
<td>FNRL 5483 – Psychology of Grief</td>
<td></td>
</tr>
</tbody>
</table>

WORKSHOPS (Master programs are limited to two hours of workshop credit) |

OTHER: ____________________________________________________________________________________

TOTAL ELECTIVE HOURS ___________

ADDITIONAL UNDERGRADUATE CERTIFICATION HOURS REQUIRED (See UCO Teacher Education Services, EDU 207)

TOTAL PAGE 1 __________
TOTAL PAGE 2 __________
TOTAL PROGRAM HOURS (p. 1 – 2) __________

Advisor: _____________________________________________________

NOTE: The Master’s program has additional course and time limitations regulated by the Graduate Office. Obtain a copy of the Graduate Catalog to ensure that you have current information regarding the requirements or restrictions.

** - Required for all degree candidates
X – Course will meet Master degree requirements
XX – Course will meet certification requirements (and if taken for graduate credit, will also apply to the Master degree) 5/13/04
MASTER OF EDUCATION IN EDUCATION ADMINISTRATION

FORMAL PLAN OF STUDY

First Name: ___________________  Middle: ________________ Last Name: ______________________
Social Security: ________________ Date: _________________ Program: ______________________
Street: __________________________ City: _____________________ State: ______ Zip: ___________
Phone: _______________________ Work: _________________ E-Mail __________________________

Required Courses:

* EADM 5543 3 _____ Fundamentals of Public School Administration
PTE 5153 3 _____ Advanced Developmental Psychology in an Educational Setting
PTE 5013 3 _____ Foundations of Educational Research
EADM 5553 3 _____ Legal Aspects of School Administration
EADM 5683 3 _____ Curriculum Leadership
EADM 5353 3 _____ Computer App. & Technology/School Administration
EADM 5453 3 _____ Interpersonal Relations/School Administration
EADM 5673 3 _____ School Personnel Administration
EADM 5623 3 _____ Supervision and Evaluation of Instruction
EADM 5583 3 _____ Public School Finance
** EADM 5814 4 _____ Principal/Internship

34 hours

* Courses marked with an asterisk must be taken within the first nine hours of the program of study at UCO

** Students will not be permitted to enroll in this course until they have completed a minimum of 24 hours of course work.

Date Plan of Study: _________________________
Student _________________________________  Advisor _____________________________________
Degree Program for the
Master of Education in Elementary Education
Minimum 36 Graduate Hours

M. Ed. in Elementary Education – 36 hours

I. Initial Certification or Degree in Elementary Education (0-12 hours)

Students who do not hold a certificate or degree in Elementary Education may apply up to 12 hours of their certification courses in Elementary Education toward the master's degree if they are taken at the graduate level. (These double-listed undergraduate/graduate [4000/5000] level courses will be specifically identified by course number on the advising sheets. The assigning of these numbers is currently in progress.) It is possible that certification requirements and the student teaching experience will exceed the 12 hours, but will be necessary for the certification. This component must be completed prior to the Professional Education and Elementary Education Core graduate courses.

II. Professional Education – Required (6 hours)

A. PTE 5013 Foundations of Education Research

Take one of the following:
B. PTE 5822 Advanced Psychology of Childhood
OR
B. PTE 5750 Advanced Development of Psychology in an Educational Setting

III. Elementary Education Core – Required (18 hours)

Take each course in this section:
A. ELED 5253 Inquiry Science for Elementary Teachers (3)
B. ELED 5732 Teaching for Mathematics Understanding (2)
C. ELED 5223 Literature-Based Language Arts Instruction (3)
D. ELED 5753 Social Studies in a global Environment (3)
E. READ 5913 The Balanced Reading Program…from Phonics to Comprehension (3)
F. ELED 5913 Elementary Education Capstone Seminar (3)

Select one of the following:
1. Analysis of the National Boards for the Professional Teaching Standards
2. Action research
3. Thesis

IV. Curriculum Enhancement (0-12 hours)

Students who hold an undergraduate Elementary Education degree or certification will select elective courses to total 36 hours from any of the following areas:
1. Seminars, workshops or institutes in Elementary Education
2. Contents support courses in liberal arts, mathematics or the sciences
3. Courses approved by an advisor.

Total 36 hours
Human Environmental Sciences—#3650 Family & Child Studies

Date of Admission: 

Tentative Plan of Study: 2003-2004

| Name: ______________________________ | Student ID# ______________________________ |
| Address: ______________________________ | Email: ______________________________ |
| Phone: (H) ___________________ (W)# ____________________ | Cell/Pager ____________________________ |

FOR GRADUATE OFFICE USE ONLY

Date of Graduation: Fall _______________ Spring ________________ Summer ______________

Admitted to JCGS&R
24 hours at UCO
Last 8 Hours at UCO
12 Hours @ 5000—Level 2
TOTAL hours (36-39hrs)

Workshops (limit 2 hrs)
Time Limit
GRE Score (900 or above)
GRAD GPA (3.0 or above)
Last 60 hours of coursework hours of “C” (limit 6 hours)

Application for Graduation

2 Satisfactory Recommendations

PREREQUISITES: 15 HOURS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMCD 2213</td>
<td>Child Development</td>
</tr>
<tr>
<td>FMCD 3313</td>
<td>Guidance of the Young Child</td>
</tr>
<tr>
<td>FMCD 2223</td>
<td>Marriage</td>
</tr>
<tr>
<td>3 Hours of Statistics</td>
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<tr>
<td>FMCD 4413</td>
<td>Contemporary American Families</td>
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</table>

SPECIALIZATION 30 HRS

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>FMCD 5911</td>
<td>Professional Dev. In Family/Child Studies</td>
</tr>
<tr>
<td>FMCD 5023</td>
<td>Theories in Family and Child Studies</td>
</tr>
<tr>
<td>FMCD 5043</td>
<td>Family Dynamics</td>
</tr>
<tr>
<td>FMCD 5363</td>
<td>Ethics/Issues in Family/Child Studies</td>
</tr>
<tr>
<td>FMCD 5912</td>
<td>Parent Education</td>
</tr>
<tr>
<td>FMCD 5913</td>
<td>Family Law and Public Policy</td>
</tr>
<tr>
<td>FMCD 5373</td>
<td>Life-Span Develop. in Fam./Child Studies</td>
</tr>
<tr>
<td>SAS 5273</td>
<td>Substance Abuse and the Family</td>
</tr>
<tr>
<td>GER 5463</td>
<td>Bereavement Counseling</td>
</tr>
<tr>
<td>PSY 5963</td>
<td>Evolution/Human Sexual Behavior</td>
</tr>
<tr>
<td>ECED 5433</td>
<td>Theoret. Perspect. of Learning/Practice</td>
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OPTION 1: INTERNSHIP 9 HRS.

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<tr>
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<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
<tr>
<td>FMCD 5950</td>
<td>Internship (2 semesters, 6 hrs)</td>
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<td></td>
<td>(400 clock hours)</td>
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OPTION 2: THESIS 10 HRS.

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<th>Course Title</th>
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<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
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<tr>
<td>PTE 5413</td>
<td>Educational Statistics</td>
</tr>
<tr>
<td>FMCD 5994</td>
<td>Thesis</td>
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</table>

Total Hours 39-40

Student Signature: ______________________________ Advisor Signature: ______________________________
M.Ed. in GENERAL EDUCATION

CURRICULUM
(33 HOURS)

A) Professional Education (one course/each area) 11-12 hours

1.) Methods of Research — 3 Hrs. (or a research in your area)
   A. PTE 5013 — Foundations of Educational Research

2.) History/Philosophy — 2 or 3 Hrs.
   A. OCTE 5213 — History and Philosophy of Vocational Education
   B. ADED 5132 — History and Philosophy of Adult Education
   C. PTE 5122 — Modern Philosophies of Education
   D. SFTY 5203 — Principles, History & Philosophy of Safety
   E. TESL 5123 — Foundations of Bilingual/Multicultural Education (for TESL majors)
   F. PTE 5142 — History of Education
   G. PTE 5172 — Educational Sociology

3.) Curriculum Development — 3 Hrs.
   A. ADED 5523 — Curriculum Design in Training

4.) Measurement/Assessment — 3 Hrs.
   A. PTE 5383 — Principles of Tests & Measurements
   B. ADED 5423 — Instructional Evaluation in Training & Development
   C. TESL 5313 — Test & Evaluation in Bil/ESL Classrooms (for TESL majors)

B) SPECIALIZATION AREA — 21-22 Hours

Instructional Methods — 2-3 Hrs.

Select one of the following:

Methods class in your field (or possibly one of the following):
   ADED 5313 — Techniques of Teaching Adults
   OCTE 5853 — Methods of Teaching Occupational & Technical Education
   TESL 5783 — Teaching English as a Second Language (for TESL majors)

The remaining 18-19 hours are to come from your specific field of study. You must be able to meet the prerequisites for the Graduate courses in your specific field of study. If you do not have a background in the specific field of study, you will be required to complete the undergraduate prerequisites as identified by the program coordinator. You may not change your plan of study without permission.

Fill out the Plan of Study on the back of this sheet and upon completion submit it to the Occupational and Technology Education Department for approval.

Advisor:
Dr. Gayle Kearns

405-974-5802 405-974-3809 (fax)
gkearns@ucok.edu
**UCO Degree Worksheet**  
**MASTER OF EDUCATION in GENERAL EDUCATION**

**DEGREE PLAN:** (All courses must be 5000 level)

### A. Professional Education Section: (11-12 hours)

<table>
<thead>
<tr>
<th>Area 1*</th>
<th>Course</th>
<th>Prefix</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1*</td>
<td>Methods of Research</td>
<td>PTE</td>
<td>5013</td>
<td>Foundations of Educational Research</td>
<td>3</td>
</tr>
</tbody>
</table>

Area 2*  
Area 3*  
Area 4*  

*see back of page for areas  
Sub-Total: (11-12 hrs.)

### B. Specialization Section: (21-22 hours)

<table>
<thead>
<tr>
<th>Course Prefix</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Instructional Methods (see back of page for options)</td>
<td></td>
</tr>
</tbody>
</table>

APPROVED BY:  
Sub-Total: (21-22 hrs)  
GRAND TOTAL (min. 33 hrs):
Students Desiring to Enter the MED - General

Before meeting with Dr. Kearns for your Plan-of-Study, complete the following:

1. Complete the plan of study information for personal information.

2. In Area A, read the course descriptions in the Graduate catalog and decide which course might be of interest to you. Dr. Kearns will review the course content with you to assist you in making your final decision. You may not make substitutions to Area A unless the courses are listed on the recommended course list or you have approval from Dr. Kearns. No other faculty may make substitutions to Area A.

3. In Area B, choose a methodology/techniques class that is in your major area or choose one of the courses listed in Area B (3 hours).

4. In Area C, the remaining 18-19 hours will come from your specific field of study/interest. You are not allowed to choose a specific discipline area unless you have an undergraduate degree in that field or you can meet the prerequisites for the Graduate courses that you choose. It is advisable for you to meet with the faculty member in that discipline area or the Department chair to insure that you meet the prerequisites for that discipline. For example: If you are choosing Art as your discipline area, you will need to meet with Chair of the Art Department to insure the correct selection of courses and that you meet the prerequisites. The Art emphasis area will total 18-19 hours. Please bring those courses with you to the orientation meeting so we can complete your plan of study. Please do not come to the orientation meeting unless you have met with a faculty advisor in your chosen discipline area.

5. All students, irrespective of their minimum required GPA for admission, must complete up to 12 hours in Area A or Area B of the program requirements. If a student completes courses other than the core education courses in Area A or Area B, those classes will not be counted towards the completion of this degree program.

6. You may not make changes to your plan of study without prior approval from Dr. Kearns. You may not change discipline areas without approval from Dr. Kearns. If you make unauthorized changes to your plan of study and the new plan does not meet the requirements of the program, the courses will not be counted towards your degree requirements.

7. Advisement will take place on Tuesday of each week at 11:30 a.m. in HES 200. If you cannot make advisement at this time, then a make-up session will be available at 4:00 p.m. on Tuesdays in HES 200 if prior arrangements have been made at the departmental front desk in HES 200 or call 974-5741.

PLEASE DO NOT COME TO THE ORIENTATION UNLESS ALL THIS INFORMATION HAS BEEN COMPLETED. WE WILL BE UNABLE TO COMPLETE YOUR PLAN OF STUDY WITHOUT THIS INFORMATION!!!
MASTER OF EDUCATION IN GUIDANCE AND COUNSELING
FORMAL PLAN OF STUDY

First Name: ___________________  Middle: ________________  Last Name: ______________________

Social Security: ________________  Date: _________________  Program: ______________________

Street: __________________________  City: _____________________  State: ______  Zip: ___________

Phone: _______________________  Work: _________________  E-Mail __________________________

Where Employed: ______________________________________________________________________

Required Courses:

PTE 5013 _______ Foundations of Educational Research *
PTE 5383 _______ Principles of Tests and Measurements
PTE 5153 _______ Advanced Developmental Psychology in an Educational Setting
GUID5013 _______ Principles of Guidance and Counseling
GUID5163 _______ Theories and Techniques of Individual School Counseling #1, #2
GUID5133 _______ Multicultural Counseling
GUID5443 _______ Career Guidance #3
GUID5113 _______ Theories and Techniques of Group Counseling #2
GUID5153 _______ Counseling Intervention Strategies #2
GUID5253 _______ Developmental Guidance #4
GUID5953 _______ Internship 200 Total Hours #5
                               100 hours in Education Clinic
Total Hours: 33
                               100 hours in an accredited school site

Other: _________________________________________________________________

*PTE 5013 must be taken within the first two semesters of enrollment

#1 GUID 5013 is a prerequisite or may be taken concurrently with GUID 5013
#2 GUID 5163 is a prerequisite for GUID 5113 and GUID 5153
#3 GUID 5013 is a prerequisite or may be taken concurrently with GUID 5443
#4 GUID 5013 and PTE 5203 are prerequisites
#5 GUID 5953 is taken last in the course sequence and requires permission.

Application is made during the fall semester for the following spring semester. Application is made
during the spring semester for the following fall semester. The application is available from faculty or the
“Student Guide”. The portfolio must be turned in with the internship application for review. Both the “Student
Guide” and the “Portfolio” are available in Adobe format on the Guidance and Counseling Web Site: http://
www.educ.ucok.edu/subwebs/aps/jchandler/GUID/

Date Plan of Study filed: _____________________

Student _________________________________  Advisor _____________________________________

February 27, 2004
### University of Central Oklahoma

**MASTER OF EDUCATION IN INSTRUCTIONAL MEDIA**

**APPLIED TECHNOLOGY OPTION**

**PLAN OF STUDY**

*(effective Summer 2002)*

---

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Semester Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>IME 5133</td>
<td>Production 1</td>
</tr>
<tr>
<td>IME 5143</td>
<td>Instructional Tech Foundations</td>
</tr>
<tr>
<td>IME 5243</td>
<td>Effective Writing in Instructional Tech</td>
</tr>
<tr>
<td>IME 5313</td>
<td>Collaborative Design of Multimedia Materials</td>
</tr>
<tr>
<td>IME 5413</td>
<td>Issue in Distance Education</td>
</tr>
<tr>
<td>IME 5413</td>
<td>Managing Computer and Information Centers</td>
</tr>
<tr>
<td>IME 5543</td>
<td>Instructional Design and Development 1</td>
</tr>
<tr>
<td>IME 5613</td>
<td>Instructional Design and Development 2 (prerequisite IME 5543)</td>
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<tr>
<td>IME 5713</td>
<td>Evaluation and Change in the Instructional Development Process</td>
</tr>
<tr>
<td>IME 5863</td>
<td>Production 2 (prerequisite IME 5133)</td>
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<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
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<tr>
<td>IME 5953</td>
<td>Internship in Instructional Media (to be taken in last semester of program)</td>
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</table>

**36 Hours**

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<table>
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<tr>
<th>Student’s Signature</th>
<th>Advisor’s Signature</th>
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**Revised January 18, 2000**

- Original
- Revised
# Master of Education in Instructional Media

## Library Information Option

### Plan of Study

**Effective Fall 2004**

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<th>Required Courses</th>
<th>Semester Completed</th>
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<td>Library Materials for Secondary Schools</td>
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<tr>
<td>IME 5023</td>
<td>Materials Selection</td>
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<tr>
<td>IME 5053</td>
<td>School Library Administration and Internship</td>
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<tr>
<td>IME 5133</td>
<td>Production I (prerequisite - computer literacy)</td>
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<tr>
<td>IME 5223</td>
<td>PR and Information</td>
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<td>IME 5233</td>
<td>Library Materials for Elementary Schools</td>
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<tr>
<td>IME 5423</td>
<td>Reference and Bibliography</td>
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</tr>
<tr>
<td>IME 5453</td>
<td>Cataloging and Classification</td>
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<tr>
<td>IME 5543</td>
<td>Instructional Design I</td>
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<td>IME 5243</td>
<td>Effective Writing in Instructional Technology</td>
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<td>IME 5863</td>
<td>Production II (prerequisite IME 5133)</td>
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<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
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**36 Hours**

**Date Plan of Study**

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**Students**

---

**Advisors**

---

Revised Spring 2004
# UCO/HES Nutrition and Food Management

## Proposed Course Sequence for DI/MS Degree

<table>
<thead>
<tr>
<th>Number</th>
<th>Course</th>
<th>Credit Hours</th>
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<td><strong>SUMMER SEMESTER</strong></td>
<td></td>
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</tr>
<tr>
<td>(DI)</td>
<td>NTRN 5322</td>
<td>Nutrition Assessment</td>
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<tr>
<td>(DI)</td>
<td>NTRN 5950</td>
<td>Internship: I</td>
</tr>
<tr>
<td>(DI)</td>
<td>NTRN 5032</td>
<td>Nutrition Education</td>
</tr>
<tr>
<td>(DI)</td>
<td>NTRN 5910</td>
<td>Societal Impact on Aging</td>
</tr>
<tr>
<td></td>
<td>SUMMER TOTAL</td>
<td>8</td>
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<tr>
<td><strong>FALL SEMESTER</strong></td>
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</tr>
<tr>
<td>(1)</td>
<td>PSY 5960</td>
<td>Intro to Health Psychology (Intercession)</td>
</tr>
<tr>
<td>(DI)</td>
<td>NTRN 5892</td>
<td>Advanced Clinical Nutrition</td>
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<tr>
<td>(DI)</td>
<td>NTRN 5910</td>
<td>Food Service Financial Mgmt</td>
</tr>
<tr>
<td>(DI)</td>
<td>NTRN 5950</td>
<td>Internship: II</td>
</tr>
<tr>
<td>(1)</td>
<td>NURS 5103</td>
<td>Pathophysiology</td>
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<td>FALL TOTAL</td>
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<tr>
<td><strong>SPRING SEMESTER</strong></td>
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<tr>
<td>(1)</td>
<td>GERO 5443</td>
<td>Biology of Human Aging</td>
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<tr>
<td>(DI)</td>
<td>NTRN 5212</td>
<td>Management of Nutrition</td>
</tr>
<tr>
<td>(DI)</td>
<td>NTRN 5950</td>
<td>Internship: III</td>
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<tr>
<td>(2)</td>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
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<tr>
<td>(DI)</td>
<td>NTRN 5960</td>
<td>Nutrition in Public Policy</td>
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<tr>
<td></td>
<td>SPRING TOTAL</td>
<td>11</td>
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<tr>
<td></td>
<td>TOTAL</td>
<td>32</td>
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</table>

(1) Those students, who wish to extend the graduate program over a longer time frame, may schedule these courses after completion of the DI requirements. All requirements for the DI must be completed with 24 months.

(2) Those students, who wish to pursue a thesis instead of the non-theses masters, may develop their research proposal in this course.

(DI) Upon satisfactory completion of 20 hours of course work including the supervised practice component, the dietetic intern is eligible to take the Examination administered by the Commission on Dietetic Registration.

If a student enters the dietetic internship during the Summer semester (on or about July 1), they should complete the dietetic internship at the end of the Spring semester (mid-May). Those students entering the internship in January will complete the program at the end of the Fall semester (mid-December).
ADVISEMENT WORKSHEET FOR THE
MASTER OF EDUCATION DEGREE PROFESSIONAL HEALTH OCCUPATIONS

Purpose: The Master of Education degree in Professional Health Occupations is designed to assist the Health Professional to develop the educational competencies required for the transition from health practitioner to educator. Please refer to the Graduate catalog for general information.

<table>
<thead>
<tr>
<th>Name</th>
<th>SS #</th>
<th>Telephone</th>
<th>Date</th>
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<thead>
<tr>
<th>Street</th>
<th>City</th>
<th>State</th>
<th>Zip</th>
<th>E-mail (print clearly)</th>
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<tbody>
<tr>
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</table>

Present teaching or Work Assignment ________________________________________________________________

School City

Required Courses Need Completed

- Required for Teacher Education Program for Standard teaching Certificate in Career and Technology Health Occupations Education

(A) EDUCATIONAL AND PSYCHOLOGICAL FOUNDATIONS (16-24 hours)

1. The following courses or their equivalent required for all students.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Need</th>
<th>Completed</th>
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</thead>
<tbody>
<tr>
<td>OCTE 5213</td>
<td>History &amp; Philosophy of Career &amp; Technology Education</td>
<td>OR</td>
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<tr>
<td>PTE 5112</td>
<td>Modern Philosophies of Education</td>
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<tr>
<td>PTE 5203</td>
<td>Advanced Educational Psychology</td>
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<tr>
<td>ADED 5423</td>
<td>Instructional Evaluation in Training &amp; Development</td>
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</table>

2. Additional hours to be selected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Need</th>
<th>Completed</th>
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</thead>
<tbody>
<tr>
<td>GUID 5013</td>
<td>Principles of Guidance and Counseling</td>
<td></td>
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</tr>
<tr>
<td>ADED 5453</td>
<td>Psychology of Adult Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPED 5123</td>
<td>Theories/Techniques Exceptional Individual(∗) (Recommended)</td>
<td></td>
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</tr>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTE 5832</td>
<td>Advanced Psychology of Adolescence</td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PTE 5153</td>
<td>Advanced Developmental Psychology in an Ed. Setting</td>
<td></td>
<td></td>
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<tr>
<td>ADED 5073</td>
<td>Mgmt of Adult Ed &amp; Community Service</td>
<td></td>
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<tr>
<td>OCTE 5082</td>
<td>Vocational Student Organizations (∗) (Recommended)</td>
<td></td>
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<tr>
<td>ADED 5132</td>
<td>History &amp; Philosophy of Adult Education</td>
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<tr>
<td>ADED 5823</td>
<td>Nature &amp; Characteristics of the Adult Learner</td>
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<tr>
<td>ADED 5342</td>
<td>Consulting Skills in Training &amp; Development</td>
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<tr>
<td>OCTE 5352</td>
<td>Accommodating Special Needs in Occ &amp; Tech Programs (∗) (Recommended)</td>
<td>This may substitute for SPED 5123</td>
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</tr>
<tr>
<td>OCTE 5963</td>
<td>Overview of Occupational Education</td>
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<tr>
<td>ADED 5883</td>
<td>Advanced Instructional Methods</td>
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<td>FNRL 5483</td>
<td>Psychology of Grief</td>
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<tr>
<td>ADED 5531</td>
<td>Needs Analysis</td>
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<tr>
<td>ADED 5541</td>
<td>Occupational Training Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADED 5912</td>
<td>Creative Supervision Skills</td>
<td></td>
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<tr>
<td>ADED 5912</td>
<td>Proposal Writing in T &amp; D</td>
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<td></td>
</tr>
</tbody>
</table>

_____________________________________________________________________________________________

_____________________________________________________________________________________________

_____________________________________________________________________________________________
(B) EDUCATIONAL METHODS AND CURRICULUM
(8-12 hours)

1. The following courses or their equivalent required.

* ADED 5423 Curriculum Design for Training
* OCTE 5323 Methods of Teaching Health Occupations

2. Two to six additional hours to be selected from the following:

* OCTE 5172 Organization & Administration of Health Occupations
* OCTE 5904 Practicum: Field Experience in Education
  (Required if student has no teaching experience)

(C) THESIS OPTION

1. Students in this program may elect to write a professional thesis no less than two (2) graduate hours and no more than four (4) graduate hours of credit.

(D) RELATED ELECTIVES TO TOTAL 32 GRADUATE HOURS
(Choose from the following or other approved courses limited to 4 hours)
(Only 2 hours of Workshop apply for a Master’s Degree)

OCTE 5961-4 Institutes in Health Occupation Education
OCTE 5002 Workshop: School Nursing
OCTE 5962 Institute: School Nursing
OCTE 5723 Troubleshooting & Maintaining a Computer Teaching Network
ADED 5961 Presentation Applications (*) Recommended
ADED 5961 Word Processing Applications
ADED 5961 Spreadsheet Applications

Total Number of hours in Plan (32 minimum):

The professional health credentials required for admission have been met.

Professional Credential: ________________________________

Karen L. Barnes, Ph.D., R.N.
Advisor
# Master of Arts in Psychology
## (Counseling Psychology Option)

### Prerequisite Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2703</td>
<td>General Psychology</td>
</tr>
<tr>
<td>PSY 2753</td>
<td>Introduction to Psychological Statistics</td>
</tr>
<tr>
<td>PSY 3813</td>
<td>Advanced Psychological Statistics</td>
</tr>
<tr>
<td>PSY 3833</td>
<td>Experimental Psychology</td>
</tr>
<tr>
<td>PSY 3841</td>
<td>Experimental Psychology Lab</td>
</tr>
<tr>
<td>PSY 3903</td>
<td>Physiological Psychology</td>
</tr>
<tr>
<td>PSY 4753</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PSY 4763</td>
<td>Psychology of Learning</td>
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### Core Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSY 5051</td>
<td>Professional Career Planning</td>
</tr>
<tr>
<td>PSY 5013</td>
<td>BioSocial Psychology</td>
</tr>
<tr>
<td>PSY 5033</td>
<td>Cultural and Gender Diversity</td>
</tr>
<tr>
<td>PSY 5143</td>
<td>Advanced Development Psychology</td>
</tr>
<tr>
<td>PSY 5193</td>
<td>Experimental Design</td>
</tr>
<tr>
<td>PSY 5563</td>
<td>Advanced Social Psychology</td>
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<tr>
<td>PSY 5633</td>
<td>Modern Learning Theories</td>
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### Capstone Experience

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<tbody>
<tr>
<td>PSY 5900</td>
<td>Practicum Counseling Psychology I</td>
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<td>Practicum Counseling Psychology II</td>
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### Counseling Psychology Option Course Work

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<tr>
<td>PSY 5803</td>
<td>Individual Testing – Wechsler</td>
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<td>PSY 5473</td>
<td>Theories &amp; Techniques of Counseling</td>
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<td>PSY 5813</td>
<td>Diagnostic Testing Techniques</td>
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<td>PSY 5483</td>
<td>Theories &amp; Techniques of Group Counseling</td>
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<td>PSY 5493</td>
<td>Competency Based Counseling</td>
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<td>PSY 5553</td>
<td>Marriage &amp; Family Counseling Theories</td>
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<td>PSY 5233</td>
<td>Psychopathology</td>
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<td>PSY 5253</td>
<td>Psychodiagnostic Survey</td>
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<td>PSY 5573</td>
<td>Marriage &amp; Family Counseling: Assessment &amp; Intervention</td>
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<td>PSY 5263</td>
<td>Legal &amp; Ethical Aspects of Counseling</td>
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<td>PSY 5913</td>
<td>Empirically Validated Treatments</td>
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Plus 4 Additional Hours of Graduate Psychology Courses
# Master of Arts in Psychology
(General Experimental Option)

## Prerequisite Courses

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<tbody>
<tr>
<td>PSY 2703</td>
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<td>Psychology of Learning</td>
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## Core Curriculum

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>PSY 5051</td>
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</tr>
<tr>
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<td>BioSocial Psychology</td>
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## Capstone Experience

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## General Experimental Option Course Work

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<td>PSY 5383</td>
<td>Multivariate Analyses in Psychology</td>
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<td>PSY 5753</td>
<td>Advanced SPSS</td>
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Plus 9 Additional Hours of Graduate Psychology Courses
Master of Arts in Psychology
(School Psychology Option)

Prerequisite Courses 22 hours

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<tr>
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<th>Title</th>
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<tbody>
<tr>
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<td>General Psychology</td>
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<td>Physiological Psychology</td>
</tr>
<tr>
<td>PSY 4753</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PSY 4763</td>
<td>Psychology of Learning</td>
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Core Curriculum 23 hours

Core Courses 19 hours

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<th>Title</th>
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<td>PSY 5013</td>
<td>BioSocial Psychology</td>
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<tr>
<td>PSY 5033</td>
<td>Cultural and Gender Diversity</td>
</tr>
<tr>
<td>PSY 5143</td>
<td>Advanced Development Psychology*</td>
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<tr>
<td>PSY 5193</td>
<td>Experimental Design</td>
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<tr>
<td>PSY 5563</td>
<td>Advanced Social Psychology</td>
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<td>Modern Learning Theories</td>
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Capstone Experience 4 hours

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<tr>
<td>PSY 5902</td>
<td>Practicum in Psychometry *</td>
</tr>
<tr>
<td>PSY 5902</td>
<td>Practicum in School Psychology</td>
</tr>
</tbody>
</table>

School Psychology Option Course Work 37 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 5753</td>
<td>Advanced SPSS *</td>
</tr>
<tr>
<td>PSY 5233</td>
<td>Psychopathology *</td>
</tr>
<tr>
<td>PSY 5253</td>
<td>Psychodiagnostic Survey</td>
</tr>
<tr>
<td>PSY 5803</td>
<td>Individual Testing Techniques – Wechsler *</td>
</tr>
<tr>
<td>PSY 5813</td>
<td>Diagnostic Testing Techniques *</td>
</tr>
<tr>
<td>PSY 5473</td>
<td>Theories &amp; Techniques of Counseling</td>
</tr>
<tr>
<td>PSY 5483</td>
<td>Theories &amp; Techniques of Group Counseling</td>
</tr>
<tr>
<td>PSY 5722</td>
<td>Introduction to School Psychological Services *</td>
</tr>
<tr>
<td>PSY 5932</td>
<td>Individual Study in School Psychological Services</td>
</tr>
<tr>
<td>EADM 5543</td>
<td>Fundamentals of Public School Administration</td>
</tr>
<tr>
<td>PTE 5383</td>
<td>Principles of Tests and Measurements *</td>
</tr>
<tr>
<td>SPED 5443</td>
<td>Behavioral Management **</td>
</tr>
<tr>
<td>SPED 5913</td>
<td>Seminar: Counseling Families of Exceptional Children **</td>
</tr>
</tbody>
</table>

*These courses are required for psychometry certification.

**One SPED course is required for psychometry certification.

Certification in school Psychology also requires six hours of internship: 5952-4 Internship in School Psychological Services (1200 clock hours)
Master of Education in Reading Standard Certificate in Reading

Area A – Reading Specialization (22 hours minimum)

1. Theoretical Foundation of Reading (6 hrs.)
   - READ 5623 — Foundation & Survey of Reading – Fall
   - READ 5663 — Theoretical Basis of Reading – Spring

2. Diagnostic Assessments of Reading Disabilities (6 hrs)
   - READ 5843 — Diagnosis & Correction of Rdg. Disab. – Fall
   - READ 5443 — Assess. Of Dyslexia & Related Rdg. Disor. – Spring

3. Clinical and Classroom Experience (8 hrs)
   - READ 5913 — Balanced Readg-Phonemic Awareness through Comprehension – Spring
   - READ 5901 - Practicum: Classroom Field Experience – Spring
   - READ 5854 - Clinical Practices in Reading – Summer

4. Professional Development (2 hrs.)
   - READ 5712 - Organization and Supervision of Readg Prog – Summer

   *Note: These courses must be taken in sequential order according to the superscript numbers.

Total Area A Hours

Area B – Professional Education Area (10 – 15 hrs)

Professional Education coursework designed to fulfill master’s degree requirements shall be completed in each of the following areas for standard certification. A maximum of one course in each area will be counted.

1. Research (2 – 3 hrs.)
   - PTE 5013 – Foundations of Education Research

2. Language and Literacy (2 – 3 hrs.)
   - ENG 5343 – Linguistics
   - ENG 5323 – History of the English Language
   - SPED 5102 – Language Development in Special Ed.
   - READ 5912 – Seminar: Language Basics
   - ELED 5223 – Literature-Based Language Arts Instruction

3. Measurement (2 – 3 hrs.)
   - GUID 5333 – Individual Test Interpretation – Fall
   - PTE 5413 – Educational Statistics
   - PTE 5383 – Principles of Test and Measurements
   - PSYCH 5803 – Individual Testing Techniques – Wechsler

4. Theories and Methods of Learning (2 – 3 hrs.)
   - TESL 5962 – Inst-Multicultural Education – weekend sp.
   - PTE 5202 – Advanced Education Psychology
   - PTE 5822 – Advanced Psychology of Childhood
   - SPED 5443 – Behavior Management

Total Area B Hours

5. Special Assignment (6 hrs.)
   - READ 5913 – Seminar: Intro. To Alphabetic Phonics
   - READ 5913 – Seminar: Rdg. Recovery/Early Intervention in Rdg.
   - READ 5913 – Seminar: Advanced Alphabetic Phonics

Total Area A & B Hours

Program completed: ______ yes ______ no

Program Coordinator ____________________________

Signature

email address: ________________________________

Admissions-A:/Degree Program Outline / rev.3-03
### SCHOOL COUNSELOR CERTIFICATION
### IN GUIDANCE AND COUNSELING

(Must already possess a Master’s Degree)

#### FORMAL PLAN OF STUDY

**First Name:** ______________________  **Middle:** ____________  **Last Name:** _______________________________

**ID Number:** ______________________

**Street:** ________________________________  **City:** _____________________  **State:** _____  **ZIP:** _____________

**Home Phone:** __________________  **Work Phone:** __________________  **email:** _____________________________

**Where Employed:** ______________________________________________________________________________

**Teacher Certification/License:** _____________________________________________________________________

#### Required Courses:

- **PTE 5383** _________ Principles of Tests and Measurements
- **PTE 5153** _________ Advanced Developmental Psychology in an Educational Setting
- **GUID 5013** _________ Principles of Guidance and Counseling
- **GUID 5163** _________ Theories and Techniques of Individual School Counseling
- **GUID 5133** _________ Multicultural Counseling
  - Prerequisite: GUID 5163
- **GUID 5443** _________ Career Guidance
  - Prerequisite: GUID 5013 or concurrent enrollment
- **GUID 5113** _________ Theories and Techniques of Group Counseling
  - Prerequisite: GUID 5163
- **GUID 5153** _________ Counseling Intervention Strategies
  - Prerequisite: GUID 5163
- **GUID 5253** _________ Developmental Guidance
  - Prerequisite: GUID 5013 & PTE 5153
- **GUID 5953** _________ Internship
  - Prerequisite: GUID 5163, 5113, 5153
  - 100 hours in Counselor Education Clinic
  - 100 hours in an accredited school site

  *Guidelines apply.*

* This is the last course in the sequence and requires permission. Application is made during the fall semester for the following spring semester and during the spring semester for the following fall semester.

The application is available from faculty or the “Student Guide.” The portfolio must be turned in with the internship application for review. Both the “Student Guide” and the “Portfolio” are available on the Guidance and Counseling Web Site: [http://www.educ.ucok.edu/subwebs/aps/jchandler/GUID](http://www.educ.ucok.edu/subwebs/aps/jchandler/GUID)

**Total Hours:** 30

**Other:** ________________________________________________________________________________

______________________________________________________________________________
# Degree Worksheet/Plan of Study

## Master of Education - **SECONDARY EDUCATION OPTION**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>ID#:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS:</td>
<td>DATE:</td>
</tr>
</tbody>
</table>

Teaching Specialty _____________________  

18-hr. Major? (circle one) Yes No  
**If YES, then must complete a**  
**Formal Plan of Study!**  
Required for 18 hr. Major, a copy of this worksheet signed by advisors must be on file in Graduate Office.  

Teaching Certificate? ______________________  

Graduation Date?  
Fall 20 ____________  
Spring 20 ____________  
Summer 20 ____________  

3 Faculty Recommendations? _______________  
Pick up forms in Graduate Office during 2nd semester  
Must be on file in Graduate Office  

Hours taken at UCO _______________________
Admitted to Program? _____________________ (date)
Admitted to Candidacy? ____________________
24 hours at UCO? _________________________
Last 8 hrs at UCO? ________________________

16 hours at 5000 level? ___________________
5000 level GPA > 3.0? _____________________

Total Hours OK? ________________________  
Limit 2 hours workshop? __________________

Hours over 6 years old?  
One-half credit for hours 6 - 10 years old, if approved by Department  
**NO credit** for courses over 10 years old at the time of graduation  
Graduate GPA 3.0 or higher?  
Limit 6 hours ‘C’?  
Applied for Graduation? __________________

Remarks __________________________________
_______________________________________
_______________________________________
_______________________________________

(Graduate Advisor’s Signature)

---

## GRADUATE CURRICULUM — 32 Hours Minimum

I. **PROFESSIONAL EDUCATION ............... 15 HOURS**

These courses will not be counted toward teacher certification requirements!  

**A. REQUIRED: — 12 hours**  

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>PTE 5013</td>
<td>Foundations of Ed Research (___)</td>
</tr>
<tr>
<td></td>
<td>PTE 5203</td>
<td>Adv Educational Psychology (___)</td>
</tr>
<tr>
<td></td>
<td>PTE 5832</td>
<td>Adv Psychology of Adolescence (___)</td>
</tr>
<tr>
<td></td>
<td>One of the following three: (___)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PTE 5112</td>
<td>Modern Philosophies of Education</td>
</tr>
<tr>
<td></td>
<td>PTE 5142</td>
<td>History of Education</td>
</tr>
<tr>
<td></td>
<td>PTE 5172</td>
<td>Educational Sociology</td>
</tr>
<tr>
<td></td>
<td>PTE 5912</td>
<td>Seminar: Capstone Experience (___)</td>
</tr>
</tbody>
</table>

**The Capstone Experience is to be taken during the LAST Spring semester of enrollment.**  

**B. Professional Education electives:**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5383</td>
<td>Principles of Tests &amp; Measurements</td>
</tr>
<tr>
<td>PTE 5322</td>
<td>Problems of Teach. in the Sec. Schl. (___)</td>
</tr>
<tr>
<td>PTE 5283</td>
<td>Fund. Curr. Dev. - Secondary (___)</td>
</tr>
<tr>
<td>PTE 5413</td>
<td>Educational Statistics (___)</td>
</tr>
</tbody>
</table>

Any NOT taken for **Area A**  

**II. TEACHING SPECIALTY ....................... 8 Hours Minimum**

**NO courses used for certification requirements will be counted in this area.**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5142</td>
<td>History of Education (___)</td>
</tr>
<tr>
<td>PTE 5172</td>
<td>Educational Sociology (___)</td>
</tr>
<tr>
<td>PTE 5112</td>
<td>Modern Philosophies of Ed (___)</td>
</tr>
</tbody>
</table>

**III. APPROVED RELATED ELECTIVES ............... 9 Hours**

Courses in this area **may also** be counted toward certification.  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**TOTAL HOURS ___________**
### Special Education Master Plan of Study

**Name** ________________________________________  **Student ID * ____________________________**

**Address** ________________________________________  **Telephone # _______________________________**

**email ____________________________**

**Date & Advisor ________________________________**

**Option:**

<table>
<thead>
<tr>
<th>Option</th>
<th>Date accepted to UCO Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td>370 Severe-Profound/Multiple Disabilities</td>
<td>Date accepted into Professional Teacher Education</td>
</tr>
<tr>
<td>372 Mild-Moderate Disabilities</td>
<td>Projected Graduation Semester and Year</td>
</tr>
<tr>
<td></td>
<td>Master Plan of Study sent to Graduate Office</td>
</tr>
</tbody>
</table>

**Prerequisites Needed:**

SPED 4123 or SPED 5123 Theories and Techniques for Exceptional Individuals must be taken prior to any core or specialization course. SPED 5303 Assessing the Exceptional Individual must be taken prior to or along with courses SPED 5653, SPED 5743, SPED 5763 or SPED 5693, SPED 5753, SPED 5773. Exceptions to the rule will be made only with advisor’s approval.

Students who plan to seek admission to teacher education in Spring 2001 and thereafter must have passed OGET prior to that time. Students who plan to student teach in spring 2001 and thereafter must have passed the appropriate OSAT(s) prior to that time.

Students currently enrolled who are completing their programs are NOT affected by the Council’s recommendation to increase the admission GPA to 2.75 beginning in Fall 2000. Only the following students are affected by the GPA increase:

- **a)** Incoming freshmen,
- **b)** transfer students,
- **c)** those who do not maintain continuous enrollment, and
- **d)** degreed candidates returning for certification

The student’s graduate advisor will work out a formal plan of study during the student’s first semester of graduate work. A signed, completed copy of this plan of study must be filed with the advisor and the JCGS&R before completion of the first semester. Supply the JCGS&R with a current Oklahoma Standard Teaching Certificate or License.

### Curriculum

<table>
<thead>
<tr>
<th>Area</th>
<th>Course</th>
<th>Semester/Yr. Scheduled</th>
<th>Grade</th>
<th>Grad Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Area 1: Research</strong></td>
<td>PTE 5013 Foundations of Educational Research</td>
<td></td>
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</tr>
<tr>
<td><strong>B. Area 2: Special Education Core</strong></td>
<td>SPED 5012 Language Development in Special Education</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>SPED 5212 Legal Aspects in Special Education</td>
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<tr>
<td></td>
<td>SPED 5303 Assessing the Exceptional Individual</td>
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<tr>
<td></td>
<td>SPED 5443 Behavior/Classroom Management</td>
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<tr>
<td></td>
<td>SPED 5452 Curriculum Modification/Assistive Technology</td>
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<tr>
<td></td>
<td>SPED 5582 Secondary Special Education</td>
<td></td>
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<tr>
<td></td>
<td>SPED 5912 Educ. Strategies for Young Children with Special Needs</td>
<td></td>
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<tr>
<td></td>
<td>READ 5833 Diagnosis/Intervention in Reading</td>
<td></td>
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<tr>
<td><strong>C. Area 3: Specialization Area</strong></td>
<td>SPED 5242 Foundations of Mild/Moderate Disabilities</td>
<td></td>
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<tr>
<td></td>
<td>SPED 5653 Procedures for Mild-Moderate Learning Disability</td>
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<td></td>
<td>SPED 5743 Procedures for Mild-Moderate Emotional/Behav. Dis.</td>
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<tr>
<td></td>
<td>SPED 5763 Procedures for Mild-Moderate Mental Retardation</td>
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<td></td>
<td>SPED 5842 Curriculum Development for Mild/Moderate Disabilities</td>
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<tr>
<td></td>
<td>SPED 5901 Practicum in Special Education (Mild-Mod. Disabilities)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>SPED 5901 Practicum in Spec. Ed. (Emotional/Behav. Disabilities)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sever-Profound/Multiple Disabilities</strong></td>
<td>SPED 5252 Foundations of Severe-Profound Disabilities</td>
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<td></td>
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<tr>
<td></td>
<td>SPED 5693 Procedures for Severe-Prof. Phys. &amp; Multple Disabilities</td>
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<td></td>
<td>SPED 5753 Procedures for Severe-Prof. E/BD</td>
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<td></td>
<td>SPED 5773 Procedures for Severe-Prof. Mental Retardation</td>
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<td></td>
<td>SPED 5852 Curriculum Development for Severe-Prof. Disabilities</td>
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<td></td>
<td>SPED 5901 Practicum in Special Education (Severe/Prof. Multi. Dis.)</td>
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<tr>
<td></td>
<td>SPED 5901 Practicum in Spec. Ed. (Emotional/Behav. Disabilities)</td>
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</table>
D. **Area 4: Special Education Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SPED 5912</td>
<td>Autism and TBI</td>
<td></td>
</tr>
<tr>
<td>SPED 5913</td>
<td>Counseling Families of Exceptional Children</td>
<td></td>
</tr>
<tr>
<td>SPED 5912</td>
<td>Current Issues in Special Education</td>
<td></td>
</tr>
<tr>
<td>SPED 5912</td>
<td>Attention Deficit Disorder</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL** Special Education Hours Required for Master’s Degree: **37**

Are there prerequisites needed by this student in addition to the 37 hours required for this degree? **Yes** ___ **No** ___

Certification and prerequisites needed are listed below as:

**See Mr. Deering for final review**

E. **Hours Required for Teacher Certification** (28)

<table>
<thead>
<tr>
<th>Semester/Yr. Scheduled</th>
<th>Grade</th>
<th>Grad Credits</th>
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</thead>
<tbody>
<tr>
<td>Professional Teacher Education &amp; Curriculum Requirements</td>
<td></td>
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</tr>
<tr>
<td>PTE 3023 Foundations of American Education</td>
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<td></td>
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<tr>
<td>IME 3312 Instructional Technology</td>
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<tr>
<td>PTE 4812 Contemporary Issues</td>
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<tr>
<td>PTE 4852 Instructional Designs</td>
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</tr>
<tr>
<td>PTE 4848 Observation &amp; Student Teaching</td>
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</tr>
<tr>
<td>SPED 5123 Theories &amp; Techniques for Exceptional Individuals</td>
<td></td>
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</tr>
<tr>
<td>PTE 5153 Advanced Developmental Psych. Educational Setting</td>
<td></td>
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</tr>
<tr>
<td>PTE 5383 Principles of Tests and Measurements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTE 5203 Advanced Educational Psychology</td>
<td></td>
<td></td>
</tr>
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</table>

**Academic Content Areas** (25)

**English (3 hours required)**

Select one from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2413</td>
<td>Fundamentals of Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 2883</td>
<td>American Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 2653</td>
<td>English Literature Since 1800</td>
<td></td>
</tr>
<tr>
<td>ENGL 4823</td>
<td>Ethnic American Literature</td>
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</tbody>
</table>

**Math (3 hours required)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2013</td>
<td>Structures of Math</td>
<td></td>
</tr>
<tr>
<td>MATH 2023</td>
<td>Foundations of Geometry and Measurement</td>
<td></td>
</tr>
<tr>
<td>MATH 2113</td>
<td>Analysis of Data and Chance</td>
<td></td>
</tr>
<tr>
<td>MATH 2133</td>
<td>Patterns and Functions</td>
<td></td>
</tr>
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</table>

**Science (4 hours required)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3014</td>
<td>Earth Science</td>
<td></td>
</tr>
</tbody>
</table>

**Social Studies (6 hours required)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GEO 2303</td>
<td>Regional Geography of the World</td>
<td></td>
</tr>
<tr>
<td>HIST 1493</td>
<td>History of the United States from 1877</td>
<td></td>
</tr>
</tbody>
</table>

**Masters Degree Coursework:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Ed Core (19)</td>
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<td></td>
</tr>
<tr>
<td>Specialization Area (15)</td>
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<td></td>
</tr>
</tbody>
</table>

**TOTAL (37)**

**Non-Master’s Degree Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Ed Core (19)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialization Area (15)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL NON-Masters Credit (53)**

Student’s Signature __________________ Date ____________ Advisor’s Signature __________________ Date ____________
# Speech Language Pathology – Plan of Study

## Course Sequence for M.S. Degree

<table>
<thead>
<tr>
<th>Number</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>1st SUMMER SEMESTER</strong></td>
</tr>
<tr>
<td>SLP 5243</td>
<td>Diagnostic Methods in SLP</td>
</tr>
<tr>
<td>SLP 5363</td>
<td>Aphasia I</td>
</tr>
<tr>
<td>SLP 5302</td>
<td>Augmentative Communication</td>
</tr>
<tr>
<td></td>
<td><strong>1st FALL SEMESTER</strong></td>
</tr>
<tr>
<td>SLP 5292</td>
<td>Aphasia II</td>
</tr>
<tr>
<td>SLP 5252</td>
<td>Advance Normal Language</td>
</tr>
<tr>
<td>SLP 5282</td>
<td>Advanced Articulation Disorders</td>
</tr>
<tr>
<td>SLP 5332</td>
<td>Legal Aspects in SLP</td>
</tr>
<tr>
<td>SLP 5900</td>
<td>Clinical Practicum</td>
</tr>
<tr>
<td></td>
<td><strong>1st SPRING SEMESTER</strong></td>
</tr>
<tr>
<td>SLP 5343</td>
<td>Dysphagia</td>
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<tr>
<td>SLP 5262</td>
<td>Advanced Language Disorders</td>
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<tr>
<td>SLP 5232</td>
<td>Communication Disorders in Infants and Toddlers</td>
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<td>SLP 5113</td>
<td>Speech and Hearing Science</td>
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<td>SLP 5000</td>
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<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
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<td>SLP 5900</td>
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<td>Internship (P.S. School or Medical Setting)</td>
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Program: Wellness Management
Degree: Master of Science

Exercise Science Option .......................................................................................................32 hrs

Core Courses ...................................................................................................................15 hrs
KINS 5213 Leadership of Health, Fitness, and Wellness Programs
KINS 5113 Legal and Ethical Principles of Wellness Management
PHED 5393 Research in Health Education and Physical Education
HLTH 5313 Wellness Intervention Strategies and Skills
KINS 5223 Technology and Media for Wellness Managers

Required Courses ............................................................................................................11-13 hrs
PHED 5303 Physiological Basis of Human Performance - (to be taken the first fall of grad. prog.)
(Prereq: Anatomy, Physiology of Exercise)
KINS 5303 Diagnostic Tests and Exercise Prescription - (to be taken 2nd fall of grad. prog.)
(Prereq: Exercise Prescript)
KINS 5333 Rehabilitative Exercise for Special Populations - (to be taken the 2nd spring of the grad. prog.)
KINS 5952-4 Internship OR
KINS 5992-4 Thesis

Elective Courses in Exercise Science ............................................................... to total 32 hours
GERO 5363 Psychology of Aging
GERO 5443 Health and Physiology of Aging
NTRN 5032 Nutrition Education
KINS 5423 Strength Development and Training Methods (summer)
KINS 5403 Biomechanical Analysis
(Prereq: Kinesiology or Biomechanics or Mechanical Principles & Analysis of Movement offered every other spring only)

revised 7/9/04
Wellness Management

**Program: Wellness Management**

**Degree: Master of Science**

<table>
<thead>
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<th>Health Studies Option</th>
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<td>PHED 5393 Research in Health Education and Physical Education</td>
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<td>KINS 5223 Technology and Media for Wellness Managers</td>
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**Required Course | 2-4 hrs**

KINS 5952-4 Internship OR HLTH 5992-4 Thesis

Fifteen hours must be selected from one of the following areas (A, B, or C)

### Elective Area A | 15 hours
---
| GER 5023 Orientation to Gerontology |
| SOC 5053 Sociology of Aging |
| GER 5363 Psychology of Aging |
| GER 5463 Bereavement Counseling |
| GER 5213 Health and Social Services for Seniors |
| GER 5342 Politics of Aging |
| NTRN 5910 Special Topics in Nutrition and Food Mgmt. (1-3 hours, department approval required) |
| ADED 5883 Advanced Instructional Methods |
| GER 5443 Health and Physiology of Aging |

### Elective Area B | 15 hours
---
| NTRN 5032 Nutrition Education |
| NTRN 5910 Special Topics in Nutrition and Food Management (1-3 hours, department approval required) |
| OCTE 5172 Organization and Administration of Health Occupations |
| OCTE 5323 Methods of Teaching in Health Occupations |
| OCTE 5233 Curriculum Design in Occupational and Technology Education |
| SFTY 5123 Industrial Hygiene |
| FMCD 5373 Life-Span Human Development in Child and Family Studies |
| ADED 5453 Psychology of Adult Development |
| ADED 5883 Advanced Instructional Methods |

### Elective Area C | 15 hours
---
| SOC 5233 Human Behavior and Social Environment |
| SAS 5303 Substance Abuse and Special Populations |
| SOC 5463 The Abused |
| SAS 5343 Prevention and Education in Substance Abuse Studies |
| SAS 5910 Dual Diagnosis |
| SAS 5910 Special Topics in Substance Abuse Studies (1-6 hours, department approval required) |
| CJ 5423 Child Abuse and Neglect Law |

*revised 5/12/04*
College of Liberal Arts
Plans of Study
PLAN OF STUDY
MASTER OF ARTS IN CRIMINAL JUSTICE MANAGEMENT AND ADMINISTRATION
UNIVERSITY OF CENTRAL OKLAHOMA

Name: _______________________________________ SS# __________________________________________
Address: _______________________________ City/State: _____________________ Zip Code: ____________
Telephone ____________________________ Estimated Date of Graduation: _____________________________
E-mail address: ______________________________________

Advisory Committee: Dr. Sid Brown (Chairman)
Prerequisites:

<table>
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*Undergraduate Prerequisites:

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<td>5. Criminology</td>
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*Undergraduate prerequisites shall be completed before taking graduate core courses in Section “A” herein below but other 5000 level courses may be taken. Courses outside the Department of Sociology, Criminal Justice and Substance Abuse Studies must be approved by Graduate Advisor.

A. REQUIRED CORE COURSES:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Name of Course</th>
<th>Courses Completed</th>
<th>Courses Not Yet Taken</th>
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<td>Juvenile Justice Mgmt. &amp; Admin.</td>
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<td>CJ 5053</td>
<td>CJ Systems Mgmt/Admin.</td>
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<td>Correctional System Mgmt &amp; Admin.</td>
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<td>CJ 5093</td>
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Total: _________

B. OTHER CRIMINAL JUSTICE COURSES:

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Total: _________
### C. SOCIOLOGY

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### D. SUBSTANCE ABUSE STUDIES

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### E. OTHER COURSES TAKEN: (Must have Graduate CJ Advisor's approval before taking)

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### F. Thesis CJ 5994

|                |               |       |               |
|                |               |       |               |

### G. TOTAL OF ALL HOURS

|                |               |       |               |
|                |               |       |               |

**Final Checklist:**

1. Total 5000 level courses: ____________________ Hours
2. Thirty (30 hrs.) ____________________ (Thesis)
   Thirty-Six Hours ____________________ (Thesis)
   (Commencing Fall, 2004)
3. Thirty-two (32) hours ____________________ (Non-thesis)
   Thirty-six (36) hours ____________________ (Non-Thesis)
   (Commencing Fall, 2004)
4. No more than six (6) hrs. of the grade of C
5. 3.00 G.P.A.
6. Date passed comprehensive exam for degree: ____________________
7. Date passed oral exam over thesis: ____________________
8. Date Certified for Graduation: ____________________

Approved by advisory committee

__________________________ (Chair)
Dr. Sid Brown
MA ENGLISH – PLAN OF STUDY

PLAN OF STUDY PREPARED FOR
Composition and Rhetoric

Student ID #: 

I. Prerequisites

UNDERGRADUATE ENGLISH ABOVE THE FRESHMAN LEVEL
(Note: 24 hours minimum. These courses cannot be used to satisfy graduate area requirements)

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Total Hours of Undergraduate English: 
Undergraduate GPA (minimum 2.75)

ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES:

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II. GRADUATE OPTION IN MA ENGLISH DEGREE (Please “X” by emphasis)

Traditional Studies
Composition Rhetoric
Contemporary Literature
Creative Writing
TESL
### RESEARCH COURSE:

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### 12 HOUR CONCENTRATION

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MA ENGLISH – PLAN OF STUDY
Composition and Rhetoric

ELECTIVE GRADUATE HOURS (sufficient to complete minimum of 32 hours)

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GRADUATE TRANSFER HOURS (8 hours maximum)

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GPA
TOTAL GRADUATE HOURS

LANGUAGE REQUIREMENT:
(Note: Students for whom English is a second language are exempt from this requirement)

SATISFIED LANGUAGE REQUIREMENT: (6 credit hours)

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SATISFIED LANGUAGE REQUIREMENT: (exam)

Language: Passed
Failed

Director of Graduate Studies

Student

Date

Date
MA ENGLISH – PLAN OF STUDY
Composition & Rhetoric

<table>
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<th>THESIS (optional – 4 hours maximum)</th>
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MA COMPREHENSIVE EXAMS

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SIGNATURES:

Advisor Signature/Date

Committee Member/Date

Director of Graduate Studies/Date

Committee Member/Date
MA ENGLISH – PLAN OF STUDY

PLAN OF STUDY PREPARED FOR
Contemporary Literature, Traditional Studies

Student ID #: 

I. Prerequisites

UNDERGRADUATE ENGLISH ABOVE THE FRESHMAN LEVEL
(Note: 24 hours minimum. These courses cannot be used to satisfy graduate area requirements)

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Total Hours of Undergraduate English:
Undergraduate GPA (minimum 2.75)

ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES:

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II. GRADUATE OPTION IN MA ENGLISH DEGREE (Please “X” by emphasis)

Traditional Studies
Composition and Rhetoric
Creative Writing
TESL
### MA ENGLISH – PLAN OF STUDY

#### III. GRADUATE PROGRAM REQUIREMENTS

Contemporary Literature, Traditional Studies

**RESEARCH COURSE:**

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**SATISFIED AREA REQUIREMENTS**

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**12 HOUR CONCENTRATION (Com. Skills/Contemporary Lit)**

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# MA ENGLISH – PLAN OF STUDY

Contemporary Literature, Traditional Studies

## Elective Graduate Hours
(sufficient to complete minimum of 32 hours)

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## Graduate Transfer Hours
(8 hours maximum)

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## GPA

**Total Graduate Hours**

## Language Requirement:
(Note: Students for whom English is a second language are exempt from this requirement)

**Satisfied Language Requirement:** (6 credit hours)

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**Satisfied Language Requirement:** (exam)

Language: Passed
Failed

_________________________  __________________________
Director of Graduate Studies  Student

_________________________  __________________________
Date  Date
# MA ENGLISH – PLAN OF STUDY

**Contemporary Literature, Traditional Studies**

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## MA COMPREHENSIVE EXAMS

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**SIGNATURES:**

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Advisor Signature/Date

Director of Graduate Studies/Date

Committee Member/Date

Committee Member/Date
MA ENGLISH – PLAN OF STUDY

PLAN OF STUDY PREPARED FOR
CREATIVE WRITING

Student ID #:

I. Prerequisites

UNDERGRADUATE ENGLISH ABOVE THE FRESHMAN LEVEL
(Note: 24 hours minimum. These courses cannot be used to satisfy graduate area requirements)

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Total Hours of Undergraduate English:
Undergraduate GPA (minimum 2.75)

ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES:

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II. GRADUATE OPTION IN MA ENGLISH DEGREE (Please “X” by emphasis)

Traditional Studies
Composition and Rhetoric
Contemporary Literature
Creative Writing
TESL
MA ENGLISH – PLAN OF STUDY

III. GRADUATE PROGRAM REQUIREMENTS
    Creative Writing

RESEARCH COURSE:  (Please indicate course taken)

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6 HOURS WRITING COURSES IN GENRE OF THESIS

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MA ENGLISH – PLAN OF STUDY
Creative Writing

ELECTIVE GRADUATE HOURS (sufficient to complete minimum of 32 hours)

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GRADUATE TRANSFER HOURS (8 hours maximum)

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GPA
TOTAL GRADUATE HOURS

LANGUAGE REQUIREMENT:
(Note: Students for whom English is a second language are exempt from this requirement)

SATISFIED LANGUAGE REQUIREMENT: (6 credit hours)

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SATISFIED LANGUAGE REQUIREMENT: (exam)

Language: Passed
Failed

Director of Graduate Studies

Student

Date

Date
MA ENGLISH – PLAN OF STUDY
Creative Writing

<table>
<thead>
<tr>
<th>Title</th>
<th>Grade</th>
<th>Hours</th>
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**MA COMPREHENSIVE EXAMS**

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**SIGNATURES:**

Advisor Signature/Date

Committee Member/Date

Director of Graduate Studies/Date

Committee Member/Date
MA ENGLISH – PLAN OF STUDY

PLAN OF STUDY PREPARED FOR
TEACHING ENGLISH AS A SECOND LANGUAGE

Student ID #:

I. Prerequisites

UNDERGRADUATE ENGLISH ABOVE THE FRESHMAN LEVEL
(Note: 24 hours minimum. These courses cannot be used to satisfy graduate area requirements)

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<tr>
<th>Course Title</th>
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</table>

Total Hours of Undergraduate English:
Undergraduate GPA (minimum 2.75)

ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
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<tbody>
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</table>

II. GRADUATE OPTION IN MA ENGLISH DEGREE (Please “X” by emphasis)

Traditional Studies
Composition and Rhetoric
Contemporary Literature
Creative Writing
TESL
# MA ENGLISH – PLAN OF STUDY

## III. GRADUATE PROGRAM REQUIREMENTS

TEACHING ENGLISH AS A SECOND LANGUAGE

### RESEARCH COURSE: (Please indicate course taken)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Prefix</th>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bibliography and Methods of Research</td>
<td>ENG</td>
<td>5013</td>
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<tr>
<td>Foundations of Educational Research</td>
<td>PTE</td>
<td>5013</td>
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### PLANNED PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Prefix</th>
<th>Course</th>
<th>Semester</th>
<th>Year</th>
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<tbody>
<tr>
<td>T1 Linguistics</td>
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<tr>
<td>T2 Literature Before 1900</td>
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<tr>
<td>T3 Literature After 1900</td>
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<td>T4 Teaching ESL Grammar</td>
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<tr>
<td>T5 TESL Methodology</td>
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<tr>
<td>T6 Second Language Acquisition</td>
<td></td>
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<tr>
<td>T7 Testing and Evaluation</td>
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### SATISFIED PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Prefix</th>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
<th>Instructor</th>
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</tbody>
</table>
# MA ENGLISH – PLAN OF STUDY
## TEACHING ENGLISH AS A SECOND LANGUAGE

### ELECTIVE GRADUATE HOURS (sufficient to complete minimum of 32 hours)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Prefix</th>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
<th>Instructor</th>
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</table>

### GRADUATE TRANSFER HOURS (8 hours maximum)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Course Title</th>
<th>Prefix</th>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
<th>Instructor</th>
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### GPA

TOTAL GRADUATE HOURS

### LANGUAGE REQUIREMENT:
(Note: Students for whom English is a second language are exempt from this requirement)

**SATISFIED LANGUAGE REQUIREMENT:** (6 credit hours)

<table>
<thead>
<tr>
<th>Language</th>
<th>Course Title</th>
<th>Prefix</th>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
<th>Instructor</th>
</tr>
</thead>
</table>

**SATISFIED LANGUAGE REQUIREMENT:** (exam)

Language: Passed
Failed

_________________________________________________
Director of Graduate Studies

_________________________________________________
Student

__________________________
Date

__________________________
Date
### MA ENGLISH – PLAN OF STUDY

**TEACHING ENGLISH AS A SECOND LANGUAGE**

<table>
<thead>
<tr>
<th></th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
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<tbody>
<tr>
<td><strong>THESIS (optional – 4 hours maximum)</strong></td>
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<td>Director</td>
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</table>

### MA COMPREHENSIVE EXAMS

<table>
<thead>
<tr>
<th>Emphasis</th>
<th>PASS</th>
<th>FAIL</th>
<th>SEMESTER</th>
<th>YEAR</th>
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</table>

### SIGNATURES:

- Advisor Signature/Date
- Committee Member/Date
- Director of Graduate Studies/Date
- Committee Member/Date
# PLAN OF STUDY FOR MASTER OF ARTS IN HISTORY

**NAME** ________________________________________________  **STUDENT ID#** ________________________________  

**DATE** ______________________________________  **SOCIAL SECURITY #** ________________________________  

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Hours Completed</th>
<th>To Be Completed</th>
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</thead>
<tbody>
<tr>
<td><strong>A. 12 credit hours must be earned in courses taught only at the 5000 level.</strong></td>
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<tr>
<td>Core Courses (6 hours):</td>
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<tr>
<td>HIST 5013 Historiography</td>
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<td></td>
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<tr>
<td>HIST 5913 Seminar in History</td>
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<tr>
<td><strong>B. At least one course must be taken in each of the following categories.</strong></td>
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<tr>
<td>(United States History)</td>
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<tr>
<td>(European History)</td>
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<tr>
<td>(Asian, Latin American, and/or Middle Eastern History)</td>
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<tr>
<td><strong>C. At least 12 hours in one category of history is recommended. Courses taken to meet requirements A and B may be included in the 12 hours.</strong></td>
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<tr>
<td>Category:</td>
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<tr>
<td><strong>D. At least 6 hours in another category of history is recommended. Courses taken to meet requirements A and B may be included in the 6 hours.</strong></td>
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<tr>
<td>Category:</td>
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<tr>
<td><strong>E. Thesis (optional): 6 hours</strong></td>
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<tr>
<td><strong>F. Additional hours in history and/or other related areas, approved by the student’s advisory committee, to complete a total of 33 hours.</strong></td>
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</tbody>
</table>

**TOTAL:** 33 HOURS

Approved by Graduate Director __________________________________________

Date: ________________________________

248
Department of History and Geography  
University of Central Oklahoma

**Plan of Study: Master of Arts in History—Museum Studies**

Name: __________________________  SSN: _____________________  Date: ____________

Banner ID Number: __________________________

**Course Requirements**

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Core Curriculum: 18 Hours</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 5013 Historiography</td>
<td></td>
<td></td>
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<tr>
<td>HIST 5913 Seminar in History</td>
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<tr>
<td>HIST 5523 Museum Management</td>
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<tr>
<td>HIST 5623 Museum Theory and Practice</td>
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<tr>
<td>HIST 5950 Internship: 6 hours</td>
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<tr>
<td><strong>B. 6 Hours History</strong></td>
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<tr>
<td><strong>C. 9 Hours history and/or electives approved by the student’s advisory committee; may include 6 hours of thesis</strong></td>
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<tr>
<td>Thesis (optional): 6 hours</td>
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</tbody>
</table>

TOTAL: 33 HOURS

Approved by Graduate Director

Date _____________________________
Plan of Study: **Master of Arts in History—Social Studies Teaching**

Name: _____________________________________ SSN: _______________________________ Date: _______________

Banner ID Number: ________________________________________

Course Requirements: (A minimum of 6 hours of the Social Studies courses must be seminars open only to graduate students)

A. **6 Hours United States History**

   ____________________________________________________________________________

B. **6 Hours World History**

   ____________________________________________________________________________

C. **6 Hours Geography**

   ____________________________________________________________________________

D. **3 Hours Political Science**

   ____________________________________________________________________________

E. **3 Hours Political Science, Economics, or Sociology**

   ____________________________________________________________________________

F. **5-9 Hours Education:** (The 5-9 hours in Teacher Education must be selected from the following:)

   a. TCHED 5013 Foundations of Educational Research (3 hours)

      ____________________________________________________________________________

   b. TCHED 5963 M & M Middle School Teaching (0-3 hours) (Required only if TCHED 4973 M&M in Middle School Teaching has not already been taken for undergraduate credit.)

      ____________________________________________________________________________

   c. 2-3 Hours from one of the Following:

      TCHED 5113 Modern Philosophy of Education

      TCHED 5142 History of Education

      TCHED 5172 Educational Sociology

G. **0-4 Hours Electives in Social Studies content areas:** (If additional hours are needed to total 33 hours, they may be taken from areas A-E listed above.)

   ____________________________________________________________________________

   ____________________________________________________________________________

**Oral Examination:** The Social Studies Teaching option is strictly non-thesis. The Examining Committees for this option will include three members from the content areas and one member from the College of Education.

**Portfolios:** Each student in the Social Studies Teaching option will also be required to keep a portfolio which will include samples of the student’s work in both the content and education classes. A copy of the portfolio guidelines will be provided by the Director of Graduate Studies in the Department of History and Geography when the student is admitted to the program.

Approved by Graduate Director __________________________________________________________

Date _______________________________ revised 5/12/04 pnp
The Master of Arts in Political Science (all options) requires a minimum of 36 semester hours, including a minimum of 18 hours in political science. Students may take coursework in other disciplines as appropriate to their individual interests and program of study, with advisement. In completing the required 36 graduate hours for ALL OPTIONS students must satisfy the requirements for the Common Core, Research Component, and the appropriate option, as indicated below.

**COMMON CORE** ............................................................................................................... 12 hours

The student will fulfill the following requirement, in consultation with the faculty advisor:

- POL 5023 Scope of the Discipline .......................................................... ( ) ________
- POL 5033 Research Methods ................................................................. ( ) ________
- POL 5153 American Politics ................................................................... ( ) ________
- POL 5813 Political Philosophy ................................................................. ( ) ________

**RESEARCH COMPONENT** ......................................................................................... 6 hours

The student will fulfill the following requirement, in consultation with the faculty advisor:

- POL 5996 Thesis (6 hours) ..................................................................... ( ) _______

**THESIS COMMITTEE MEMBERS**

1. 
2. 
3. 

Signature of Student

Signature of M.A. Advisor
**Political Science Master of Arts**

**Formal Plan of Study**

The Master of Arts in Political Science is a flexible, yet comprehensive, program designed to provide students with advanced preparation in political science and, depending on the program, in related fields in the social sciences. Options are offered in International Affairs, Public Affairs, and General Political Science. The General and International Affairs options can be undertaken during the day or evening, while the Public Affairs option is expressly designed as an evening program for working adults.

**Political Science Graduate Advisor** – Dr. Jan Hardt, 974-5840, FAX: 405-974-3823, E-mail: jhardt@ucok.edu, Department of Political Science, 100 N. University Drive, Campus Box 182, UCO, Edmond, OK 73034-5209

I. **Admission Requirements for the M.A. in Political Science Program:**

   Students seeking an M.A. in Political Science must fulfill the following requirements before they will be formally admitted to the program:

   A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 19.
      **Note:** No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

   B. Meet the GPA requirement of 2.75 overall, or 3.00 in the last 60 hours attempted.

   C. Meet with the graduate advisor, who will complete a "Recommendation for Admission to the College of Graduate Studies and Research" form for qualified students. Upon receipt of the completed recommendation form, the CGS&R will admit the student for graduate studies.

   D. The student and the graduate advisor will work out a formal plan of study during the student’s first semester of graduate work. A signed, completed copy of this plan of study must be filed with the advisor and the CGS&R before completion of the first semester.

   E. Complete all prerequisites, if any, as determined by the graduate advisor.

   F. Complete 18 hours of undergraduate Political Science courses and/or related social science disciplines. The suitability of courses other than political science is decided by the advisor.

   G. Produce evidence of achievement of a minimum combined score of no less than 900 on the verbal and quantitative sections of the Graduate Record Examination (GRE).

II. **Advisement**

   The Chairperson of the department will assign an advisor from among the graduate faculty of the Political Science department to advise the student during the course of his/her graduate study. Other members of the faculty may be called upon as needed.

III. **M.A. in Political Science**

   Students must complete a minimum of 36 semester hours of graduate-level work, including a minimum of 18 hours in political science. Students may take course work in other disciplines as appropriate to their individual interests and program of study. In completing the required 36 graduate hours, students must satisfy the requirements for the Common Core, Research Component, and Option of their choice, as indicated below.

   **Common Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5023</td>
<td>Scope of the Discipline</td>
<td>3</td>
</tr>
<tr>
<td>POL 5033</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>POL 5153</td>
<td>American Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 5813</td>
<td>Political Philosophy</td>
<td>3</td>
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</tbody>
</table>

   **Research Component**

   The student will fulfill the following requirement, in consultation with the faculty advisor:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5990</td>
<td>Thesis</td>
<td>6</td>
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</tbody>
</table>

   The thesis must be publicly defended at a time arranged by the chair of the student’s thesis committee.
Subject Area Competency Examination Component

The student will pass a Subject Area Competency Examination in one of the following subject areas:
- American Government
- International Relations
- Comparative Government
- Public Administration
- Public Law

Examinations will be established on a schedule determined by the Graduate Advisor. Students may re-take an exam only once and only upon approval by the Graduate Advisor.

General Political Science Option

This option is designed to enable students to achieve competence in the professional practice of political science — teaching, research, and related activities — through a program of study in which they acquire appropriate analytical skills, a general knowledge of the discipline, and more specific knowledge of selected subfields.

Required Courses .............................................................. 6 hours
(Two of the following:)
- 5223 The Presidency
- 5253 The Congress
- 5263 Judicial Process
- 5603 Theories of International Relations
- 5703 Theories of Comparative Politics
- 5913 Seminar in Political Science

Electives ............................................................................... 12 hours

International Affairs Option

This option is designed for students who desire to focus their graduate study in international and comparative politics. Students may choose to concentrate in either international political economy or foreign policy and security studies.

Required Courses .............................................................. 6 hours
- 5603 Theories of International Relations
- 5703 Theories of Comparative Politics

Electives ............................................................................... 12 hours

Public Affairs Option

The curriculum for this option is intended to provide students a foundation in public policy, with a particular emphasis on the urban context. Students may choose from courses in political science or related disciplines to pursue areas of interest within the broader field of urban affairs.

Required Courses .............................................................. 6 hours
- 5193 Public Finance and Budgeting
- 5413 Public Policy Analysis

Electives ............................................................................... 12 hours
College of Mathematics and Science
Plans of Study
PLANNED SEMESTER

<table>
<thead>
<tr>
<th>COURSE</th>
<th>HOURS</th>
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<tr>
<td>PHY 5013 Mathematical Physics II</td>
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<tr>
<td>PHY 5443 Quantum Mechanics</td>
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*In addition, at least four of the following courses are required:

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<tr>
<th>COURSE</th>
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<tr>
<td>ENGR 5023 Thermal Science</td>
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<td>ENGR 5163 Engineering Optics</td>
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<td>ENGR 5613 Photonics</td>
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<td>ENGR 5990 Thesis</td>
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<td>PHY 5033 Nuclear Physics</td>
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<td>PHY 5043 Solid State Physics</td>
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<td>PHY 5063 Analytical Dynamics</td>
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<td>PHY 5083 Electromagnetic Radiation</td>
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<td>PHY 5103 Classical Mechanics with Applications</td>
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<td>PHY 5203 Applied Electrodynamics</td>
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<td>PHY 5990 Thesis</td>
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TOTAL CORE: 21 HOURS MINIMUM

ENGR 5990 or PHY 5990 may only be taken by students electing the thesis option and may comprise up to a maximum of six semester hours.

ELECTIVES:

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<th>HOURS</th>
<th>COMPLETION</th>
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</table>

TOTAL: 32 HOURS MINIMUM

All electives must be approved by the student’s advisement committee and selected from graduate-level courses in physics, engineering, mathematics, computer science, chemistry, business, management, or related fields as approved by the student’s Advisement Committee.

ADVISEMENT COMMITTEE

Chair | Signed | Date
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Revised 02/4/04
## PLAN OF STUDY
### MS in Forensic Sciences
#### Criminalistics Option

| Name __________________________________________ | Student ID # ________________________________ |
| Program Beginning Date ___________________________ | |
| UG GPA __________________ | GRE: V ________ Q __________ A __________ |

### Prerequisite Courses

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<th>Number</th>
<th>Course Name</th>
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### Core Courses

<table>
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<tr>
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<td>CJ</td>
<td>5313</td>
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<td>POL</td>
<td>5323</td>
<td>The Constitution &amp; Criminal Procedure</td>
<td>3</td>
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<td>FRSC</td>
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<td>Crime Scene Investigation &amp; Reconstruction</td>
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<tr>
<td>FRSC</td>
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<td>Physical Aspects of Forensic Science</td>
<td>2</td>
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<td>FRSC</td>
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<tr>
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<td>Forensic Toxicology with Lab</td>
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<td>Death Investigation</td>
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<td>Advanced Forensic Serology w/ Lab</td>
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<td>BIO</td>
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<td>Molecular &amp; Population Genetics</td>
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### Elective Courses

(Required Hrs + Elective Hrs must equal or exceed 21 Hrs.)

Courses may be selected from the following courses or others as approved by the Advisor.

<table>
<thead>
<tr>
<th>Prefix</th>
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<td>CHEM</td>
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<td>Microtechniques w/ Lab</td>
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<td>Electron Microscopy</td>
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Submitted by: ___________________________ Date: ___________________________

Student Signature: ___________________________ Date: ___________________________

257
## PLAN OF STUDY
### MS in Forensic Sciences
#### Technical Investigation Option

**Name** __________________________________________ **Student ID #** __________________________________________

**Program Beginning Date** _____________________________

**UG GPA** __________________ **GRE: V ______ Q _______ A ________**

### Prerequisite Courses

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<thead>
<tr>
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### Core Courses (13 hrs)

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### Required Courses

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<td>Thesis in Forensic Science</td>
<td>2 to 4</td>
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<td>Any</td>
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<td>From the Criminalistics or Nursing Options for which prerequisites have been met.</td>
<td>3</td>
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</table>

Submitted by: __________________________________________ **Date:** __________________________________________

Student Signature: __________________________________________ **Date:** __________________________________________
Plan of Study for the Master’s of Applied Mathematics

Mathematics Option (6621)

Prerequisite Courses:

Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
Differential Equations (equivalent of MATH 3103)
Numerical Analysis I (equivalent of MATH 3263)
Mathematical Statistics I (equivalent of STAT 4113)
Analysis I or Advanced Calculus I (equivalent of MATH 4143)
Discrete Mathematics (equivalent of MATH 2123)

Coursework for the degree:

Semester One:

Operations Research I (MATH 5113)
Advanced Calculus I (MATH 5143)
Mathematical Modeling (MATH 5453)

Semester Two:

Advanced Calculus II (MATH 5153)
Numerical Analysis II (MATH 5183)
Mathematical Statistics II (STAT 5123)

Semester Three:

Electives (6 hours)
Introduction to Graduate Research (MATH 5853)

Semester Four:

Electives (6 hours)
Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.
Plan of Study for the Master’s of Applied Mathematics

MATHEMATICS
Computer Science Option (6620)

Prerequisite Courses:

- Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
- Differential Equations (equivalent of MATH 3103)
- Numerical Analysis I (equivalent of MATH 3263)
- Mathematical Statistics I (equivalent of STAT 4113)
- Analysis I or Advanced Calculus I (equivalent of MATH 4143)
- Discrete Mathematics (equivalent of MATH 2123)
- Programming I and II (equivalent of CMSC 1613 and CMSC 2613)
- Assembly Language (equivalent of CMSC 2813)
- Data Structures (equivalent of CMSC 3613)

Coursework for the degree:

Semester One:

- Operations Research I (MATH 5113)
- Advanced Calculus I (MATH 5143)
- Programming Languages (CMSC 5023)

Semester Two:

- Mathematical Statistics II (STAT 5123)
- Networks (CMSC 5063)
- File Structures (CMSC 5910)

Semester Three:

- Electives (6 hours)
- Introduction to Graduate Research (MATH 5853)

Semester Four:

- Electives (6 hours)
- Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.
Plan of Study for the Master’s of Applied Mathematics

MATHEMATICS
Statistics Option (6622)

Prerequisite Courses:

Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
Differential Equations (equivalent of MATH 3103)
Numerical Analysis I (equivalent of MATH 3263)
Mathematical Statistics I (equivalent of STAT 4113)
Analysis I or Advanced Calculus I (equivalent of MATH 4143)
Statistical Methods I (equivalent of STAT 3103)

Coursework for the degree:

Semester One:

Operations Research I (MATH 5113)
Advanced Calculus I (MATH 5143)
Statistical Methods II (STAT 5103)

Semester Two:

Mathematical Statistics II (STAT 5123)
Statistical Methods III (STAT 5213)
Elective (3 hours)

Semester Three:

Probability Theory (STAT 5353)
Introduction to Graduate Research (MATH 5853)
Elective (3 hours)

Semester Four:

Electives (6 hours)
Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.
Plan of Study for the Master’s of Applied Mathematics

Mathematics Teaching Option (6623)

Prerequisite Courses:

Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
Differential Equations (equivalent of MATH 3103)
Numerical Analysis I (equivalent of MATH 3263)
Mathematical Statistics I (equivalent of STAT 4113)
Analysis I or Advanced Calculus I (equivalent of MATH 4143)

Coursework for the degree:

Semester One:

Operations Research I (MATH 5113)
Real Number System (MATH 5103)
Mathematical Modeling (MATH 5453)

Semester Two:

Foundations of Mathematics (MATH 5203)
Mathematical Statistics II (STAT 5123)
Elective (3 hours)

Semester Three:

Advanced Calculus I (MATH 5143)
Introduction to Graduate Research (MATH 5853)
Elective (3 hours)

Semester Four:

Electives (6 hours)
Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.
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