

# UNIVERSITY OF CENTRAL OKLAHOMA

## 2014–2015 GRADUATE CATALOG



Jackson College of Graduate Studies  
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## Statement of Administrative Policy

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 and Title VII 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, the Americans With Disabilities Act of 1990, the Family & Medical Leave Act of 1993, the Civil Rights Act of 1991, and other Federal Laws and Regulations, 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. The University's Legal Counsel/Affirmative Action Officer is responsible for compliance. For further information, contact the department at (405) 974-3377, or visit the office in the Lillard Administration Building, Room 114D.

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All information contained in this catalog is subject to change before the next catalog is published. It is ultimately the responsibility of the student to keep abreast of current regulations and program status.

### Equal Opportunity Statement

The University of Central Oklahoma (University) is committed to an inclusive educational and employment environment that provides equal opportunity and access to all qualified persons. The University will continue its policy of fair and equal employment and educational practices without discrimination or harassment because of actual or perceived race, creed, color, religion, alienage or national origin, genetic information, ancestry, citizenship status, age, disability or handicap, gender, marital status, veteran status, sexual orientation, gender identity, or any other characteristic protected by applicable federal, state, or local law. Discrimination or harassment in violation of this policy should be reported to the Affirmative Action Officer (Office of Legal Counsel) in person at 114 Lillard Administration, or by phone at (405) 974-3377 or fax at (405) 974-3807. After office hours or on holidays, the report may be made by contacting University Police Services at (405) 974-2345.

# Table of Contents

University of Central Oklahoma .....	1
People of UCO.....	9
Admission to Graduate Studies .....	11
Academic Regulations & Graduation Requirements.....	17
Financial & Student Services Information .....	27
College of Business.....	34
Business Administration, M.B.A.....	36
College of Education & Professional Studies .....	38
Adult and Higher Education, M.Ed.....	40
Adult and Higher Education - Interdisciplinary Studies, M.Ed. ....	41
Adult and Higher Education - Student Personnel, M.Ed.....	42
Adult and Higher Education – Training, M.Ed. ....	43
Athletic Training, M.S. ....	44
Bilingual Education/TESL, M.Ed. ....	47
Early Childhood Education, M.Ed. ....	49
Educational Leadership, M.Ed.....	50
Elementary Education, M.Ed.....	51
Family and Child Studies / Infant/Child Specialist, M.S.....	52
Family and Child Studies / LMFT, M.S. ....	53
Family and Child Studies / Family Life Education, M.S.....	54
Library Media Education, M.Ed.....	55
Nutrition and Food Management, M.S. ....	56
Nutrition & Food Mgmt., Dietetic Internship.....	57
Psychology - Counseling, M.A. ....	58
Psychology - Experimental, M.A.....	60
Psychology - Forensic Psychology, M.A. ....	61
Psychology - General Psychology, M.A.....	63
Psychology - School Psychology, M.A. ....	64
Reading, M.Ed.....	67
School Counseling, M.Ed. ....	68
Secondary Education, M.Ed. ....	70
Special Education, Mild-Moderate Disabilities, M.Ed.....	73
Special Ed., Severe/Profound/Multiple Disabilities, M.Ed. ....	73
Speech-Language Pathology, M.S. ....	74
Wellness Management - Exercise Science, M.S.....	75
Wellness Management - Health Studies, M.S. ....	76
Certification Programs.....	77
Teacher Certification and Licensure.....	78
Library Media Specialist Certification .....	78
School Psychometrist Certification .....	83
School Principal Certification .....	84
Reading Specialist Certification .....	85
School Counselor Certification .....	86
Board Certified Behavior Analyst.....	87
Speech-Language Pathology Certification .....	89
School Superintendent Certification .....	90
Oklahoma Elementary Math Specialist.....	91
Gifted and Talented Certification.....	92

# Table of Contents continued

College of Fine Arts & Design .....	93
Design, M.F.A. ....	95
Music - Composition, M.M. ....	97
Music, M.M. - Conducting, M.M. ....	99
Music, M.M. - Music Education, M.M. ....	101
Music, M.M. - Performance, M.M. ....	103
Jazz Studies - Commercial Music Production, M.M. ....	105
Jazz Studies - Performance, M.M. ....	106
College of Liberal Arts.....	107
Creative Writing, M.F.A. ....	109
Crime and Intelligence Analysis, M.A. ....	110
Criminal Justice Management & Administration, M.A. ....	111
English – Composition & Rhetoric, M.A. ....	112
English – 20 <sup>th</sup> & 21 <sup>st</sup> Century Studies, M.A. - Film Emphasis .....	113
English – 20 <sup>th</sup> & 21 <sup>st</sup> Century Studies, M.A. - Lit. Emphasis.....	114
English – Creative Writing, M.A. ....	115
English – TESL, M.A. ....	116
English – Traditional Studies, M.A. ....	117
Gerontology, M.A. ....	118
History, M.A. ....	119
History – Museum Studies, M.A. ....	121
Liberal Studies, M.A. ....	123
Political Science, M.A. ....	125
Political Science – International Affairs, M.A. ....	126
Public Administration, M.P.A. ....	127
Substance Abuse Studies, M.A. ....	129
College of Mathematics and Science .....	130
Applied Mathematics and Computer Science, M.S. ....	132
Applied Mathematical Science – Mathematics, M.S. ....	133
Applied Mathematical Science – Statistics, M.S. ....	134
Applied Mathematical Science – Teaching, M.S. ....	135
Biology, M.S. ....	136
Engineering Physics - Biomedical Engineering, M.S. . ....	138
Engineering Physics - Electrical Engineering, M.S. . ....	140
Engineering Physics - Mechanical Engineering, M.S. . ....	142
Engineering Physics - Physics, M.S. ....	144
Nursing.....	146
Forensic Science Institute .....	147
Forensic Science, M.S. ....	149
Forensic Science - Biology/Chemistry, M.S. ....	150
Graduate Faculty .....	151
Graduate Course Descriptions .....	166
Index .....	247

# About UCO & the JCGS

## Beliefs, Values and Mission

### Beliefs and Values of the University

#### UCO's Mission

UCO helps students learn through transformative educational experiences, growing productive, creative, ethical and engaged citizens and leaders.

#### UCO's Vision

UCO will be one of the nation's top metropolitan universities, serving our community while providing our students the opportunities to achieve their highest level of leadership potential.

#### Central Six

Students will be transformed through:

- Discipline Knowledge
- Leadership
- Research, Scholarly and Creative Activities
- Service Learning and Civic Engagement
- Global and Cultural Competencies
- Health and Wellness.

UCO requires and encourages a free flow of information, ideas and opinions in a community which fosters social justice and values diversity and which demands the highest standards of ethical conduct, mutual respect and civility.

UCO as an institution, and all its constituents, are committed to continuous processes of self-examination and self-improvement to encourage innovation, receptiveness and adaptation to change.

UCO maintains open and mutually beneficial relationships with its surrounding communities and views itself and its graduates as part of an increasingly interdependent global society.

#### Mission of the Jackson College of Graduate Studies

The Jackson College of Graduate Studies provides access to graduate education for culturally-diverse students locally, nationally, and internationally, while supporting UCO's mission of transformative learning through processes which maintain and enhance quality.

A UCO master's degree signifies that its recipient possesses the disciplinary knowledge, analytical skills and mature judgment of an advanced professional and a well-educated person. Completion of this degree brings the satisfaction of in depth mastery of a chosen field and confidence needed for the discovery and application of that new knowledge.

#### About the Jackson College of Graduate Studies

The University of Central Oklahoma has been authorized to grant masters degrees since 1954 when it was Central State College. The University offers 35 graduate programs with 63 majors under seven degree designations: Master of Arts, Master of Science, Master of Business Administration,

Master of Education, Master of Fine Arts, Master of Public Administration, and Master of Music.

The Jackson College of Graduate Studies (JCGS) was established in 1954 to coordinate and promote graduate education at UCO. In 2004 the College acquired its present name in honor of Joe C. Jackson, who served the University for over 28 years including 25 years as Vice President for Academic Affairs.

#### Accreditation

The University of Central Oklahoma is accredited by the Higher Learning Commission, a commission of the North Central Association of Colleges and Schools.

The College of Education and Professional Studies is accredited by the National Council for the Accreditation of Teacher Education (NCATE), National Association for the Education of Young Children and Oklahoma Commission for Teacher Preparation.

The College of Business is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

In addition, where appropriate, several of UCO's graduate degree programs hold accreditation or similar certification from disciplinary associations and agencies as follows:

Speech Language Pathology, MS: Council on Academic Accreditation of the American Speech-Language-Hearing Association, American Speech-Language Association.

Music, MM: National Association of Schools of Music (NASM).

Design, MFA: Council for Interior Design Accreditation (CIDA).

School Psychology, MA: National Association of School Psychology (NASP).

Family and Child Studies-Family Life Educator, MS: National Council on Family Relations.

Athletic Training Commission on Accreditation of Athletic Training Education (CAATE)

Nutrition and Food Management, MS: American Dietetic Association.

Engineering Physics, MS: Accreditation Board for Engineering and Technology.

#### About Edmond, Oklahoma

The University of Central Oklahoma is located in Edmond, a vibrant suburban city of 85,000 population. It is one of the nation's most desirable places to live with its thriving historic downtown, excellent school system and fantastic cultural offerings. The community enjoys year-round music, art, theater, and sporting events. Known worldwide for its outstanding golf courses, Edmond hosts some of the most exciting PGA and celebrity events. Edmond tennis courts have a history of hosting USTA tournaments. Also available are competitive soccer and lacrosse fields and competitive ice skating.

Near to Edmond are many other points of interest and activities. The Lazy E Arena, about 15 miles north of town,

provides a full calendar of rodeo events. Just minutes east of the campus is Lake Arcadia, offering a UCO meeting facility, hiking trails, fishing, water skiing, outdoor recreational and research opportunities. Fifteen minutes south is Oklahoma City with Bricktown, the NBA Thunder, international rowing, and other attractions, Oklahoma’s State Capitol, the Oklahoma City Zoo, the Omniplex, and a surrounding complex of museums. Edmond’s July 4 LibertyFest celebration has been selected as one of the top 10 holiday places in America by CNN and USA Today.

**History of UCO**

The University of Central Oklahoma is the oldest institution of higher learning in Oklahoma, dating back to December 24, 1890, when it was established as the Territorial Normal School.

The first class, a group of 23 students, met Nov. 9, 1891, in the Epworth League Room, in the unfurnished First Methodist Church on Hurd Street.

Work started in the summer of 1892 on Old North Tower, the first building on campus. Occupancy began Jan. 3, 1893.

At first, the school offered two years of college work and a complete preparatory school. In 1897, the first graduating class — two men and three women — received their Normal School diplomas preparing them as teachers. In 1904, Territorial Normal became Central State Normal School. Statehood was still three years away.

On December 29, 1919, the State Board of Education transformed Central into a four-year teachers’ college conferring bachelor’s degrees and renamed it Central State Teachers’ College. Two years later, the Class of 1921 had nine members, the first graduates to receive four-year degrees.

In 1939, the state legislature again changed the name of the institution to Central State College and authorized it to grant degrees without teaching certificates.

In 1954, the Oklahoma State Regents for Higher Education gave Central permission to offer the Master of Teaching Degree, which became the Master of Education in 1969. In 1971, the college added the Master of Arts in English and the Master of Business Administration degrees. Other undergraduate and graduate degrees followed.

On April 13, 1971, the state legislature officially changed the institution’s name to Central State University. On May 18, 1990, during the institution’s Centennial Year, the name became the University of Central Oklahoma.

Today, UCO has grown from 23 frontier students seeking teaching certificates in a local church to a metropolitan, four-year university with an enrollment of over 17,000 studying on a 200-acre campus.

**Presidents of UCO**

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
Dr. W. Max Chambers .....	1948 - 1960
Dr. Garland Godfrey .....	1960 - 1975
Dr. Bill J. Lillard.....	1975 - 1992
George Nigh .....	1992 - 1997
W. Roger Webb .....	1997 - 2011
Dr. Don Betz .....	2011 -

**Academic Buildings**

The **Art and Design Building** was originally constructed in 1952 as the Student Union. Following completion of the Nigh University Center in 1967, the building was completely renovated to include classrooms, studios, and the Central Museum of Art.

**Buddy’s**, originally designated as the Central Cafeteria, can serve a capacity of 1,200 students.

The **Business Building**, opened in 1962, houses the offices and classrooms of the College of Business Administration. A second building was added in 1983 and the two were connected in 1996.

The **Center for Transformative Learning** is designed to move students away from lecture and place them at the “center of learning.” The facility includes eleven new classrooms, additional faculty and adjunct offices, breakout rooms for students, informal seating spaces, a one-hundred-seventy-five to two-hundred seat recital hall, and an outdoor classroom.

The **Communications Building**, formerly the Max Chambers library, was renovated after the completion of the new library in 1968. It supplies offices, classrooms, and labs for the department of Mass Communication, and the offices of KCSC Radio, KUCO Radio, Vista, and KCSU-TV television studios.

The **Computer Science Building**, completed in the spring of 1983, houses offices and classrooms of the following departments: Computing Science, Mathematics and Statistics, and the University Computer Center.

The **Coyner Health Sciences Building** opened in the spring of 1984. It houses the offices and classrooms of the departments of Nursing and Funeral Service. The building was dedicated in honor of the family of Dr. Wallace Coyner on October 13, 1989.

The **Education Building**, with its post-modern architecture, was completed and occupied in 1996. It houses the College of Education and Professional Studies.

**Evans Hall** was completed and occupied in 1916 and housed the University library until 1957. It underwent a major renovation in 1989 and now provides offices for the UCO Foundation, and the dean of the College of Fine Arts and Design.

The **W. Roger Webb Forensic Science Institute** is a comprehensive training and research organization in all aspects

of evidence collection, preservation, analysis, reporting and testimony. The building contains administrative and faculty offices, high tech classrooms, the AT&T Digital Evidence and Cyber Security Laboratory, a crime scene bay, and an auditorium which will seat 165 people.

**Hamilton Field House**, first occupied in the spring semester of 1965, has a basketball court with a seating capacity of 4,000. The athletic complex contains a classroom building, a swimming pool, exercise rooms, and locker rooms for varsity athletes. The name was changed from Broncho Field House in 1993.

The **Health and Physical Education Building**, adjacent to Wantland Hall, was completed in the fall of 1958. It contains offices, classrooms, and a dance studio for the Kinesiology and Health Studies Department.

**Howell Hall**, first occupied in 1948, was extensively modernized by a 1997 addition to the building that more than doubled its floor space. Housed in the hall are offices, labs and classrooms for the Chemistry, Engineering and Physics, and Biology Departments.

The **Human Environmental Science Building** was dedicated in the spring of 1969. It contains the offices and classrooms of the Human Environmental Sciences Department, a modern food laboratory, a living room for receptions, and a laboratory school for pre-school children.

The **Liberal Arts Building** was completed during the summer of 1969 and houses most of the departments of the College of Liberal Arts. Complete with faculty offices and classrooms, it has two language laboratories and the Pegasus Theatre.

The **Lillard Administration Building**, occupied in the spring of 1963, contains the main administrative offices of the University including those of the President, Provost/Vice President for Academic Affairs, the Executive Vice President for Administration, the Vice Presidents for Information Technology, Student Affairs, University Relations and Government Relations.

The **Max Chambers Library** opened its doors to students in January 1969. This four-story building is one of the most modern libraries in the Southwest. It includes convenient computer stations, seminar rooms, conference and study rooms, a document room, and offices. A major addition was completed in 1997.

**Mitchell Hall Theatre** was dedicated June 29, 1926 and remodeled in 2009.

The **Music Building** was first occupied in the fall of 1952. It houses vocal and instrumental music, together with a number of private practice studios and a recital hall. The building was enlarged in 1968.

The **Nigh University Center** was renamed in the fall of 2001 to honor former President George Nigh. Originally built in 1967, an addition in 1997 doubled the floor space. It is a center for campus and community activities and includes such student facilities as the University Bookstore, convenience store, post office, food court, restaurant, and recreation area.

The building provides a centralized location for student ad-

missions, registration, advisement, financial aid, international, and graduate services. Also included in the building are a large ballroom, meeting rooms, and offices for Campus Life, Student Senate, Counseling Services, Career Services, and the Dr. Joe C. Jackson College for Graduate Studies.

**Old North**, the first campus building, is built of native sandstone quarried near Edmond, and it is the center of the University of Central Oklahoma traditions. The University clock is located in its tower with faces in all four directions. Old North is listed in the National Historical Register.

**Thatcher Hall**, a former residence hall named after the first president, Richard Thatcher, celebrated its "re-grand opening" in the fall of 1995. The building now houses the Edmond Language Institute, the Assessment Office, the Academic Support Center, the Testing Center, Correspondence Studies, Planning and Analysis Office, and the ROTC program.

The **UCO Jazz Lab**, constructed with cooperative funding from Edmond Economic Development Authority, adds to the sense of community for both our campus population and citizens of Edmond by providing quality entertainment. The Jazz Lab is located at 5<sup>th</sup> and Littler. It includes several offices, a recording studio, a performance club, and a restaurant.

**Wantland Field and Stadium** is home for the Bronchos football team. Opened in its present location in 1965, Wantland Stadium underwent a \$16 million renovation in 2005, which increased seating capacity to 10,000.

**Wantland Hall**, officially dedicated February 7, 1928, serves the Kinesiology and Health Studies Department and includes a gymnasium, basketball court, locker rooms, and offices.

The **Wellness Center** exists to provide students, faculty, staff, and community members with a premier facility that promotes health and wellness. The Wellness Center strives to link positive healthy lifestyles and intellectual growth, so that participants can reach their full potential.

A multi-purpose recreational facility totaling 57,140 square feet, the Center includes two indoor basketball/volleyball courts; one outdoor basketball court; group fitness rooms; walking/running track; 65 pieces of cardiovascular equipment; strength training area including free weights and selectorized equipment; classrooms, a rock climbing wall and a vending area.

The **Y Chapel of Song** construction began in 1941 and was completed in 1949 through the services and gifts of hundreds of students, faculty, alumni, friends, and through the efforts of the Y.M.C.A. and Y.W.C.A. The chapel was placed on the National Register of Historic Places in 2001 because of the significance of its design in art. It is used today for initiation ceremonies, weddings, meetings and meditation.

A campus map may be found online at: <http://administration.uco.edu/viewPage.php?d=tps&p=index>. Click on the Documents & Forms link in the left column to find the 2014-15 Parking Map.

# *Academic Calendar*

## *Fall Semester 2014*

Classes begin .....	August 18, 2014
Labor Day - No Classes .....	September 1, 2014
Fall Break - No Classes.....	October 9-10, 2014
Thanksgiving - No Classes.....	November 26-28, 2014
Fall Classwork Ends.....	December 6, 2014
Fall Semester Finals.....	December 8-12, 2014
Fall Commencement .....	December 13, 2014
Christmas Break.....	December 22, 2014 - January 2, 2015

## *Spring Semester 2015*

Classes begin .....	January 12, 2015
Martin Luther King, Jr. Day - No Classes .....	January 19, 2015
Spring Break - No Classes .....	March 16-20, 2015
Spring Classwork Ends .....	May 2, 2015
Spring Semester Finals .....	May 4-8, 2015
Spring Commencement.....	May 8, 2015

## *Summer Semester 2015*

Summer and Block 1 Classes begin.....	June 1, 2015
Independence Day - Holiday, No Classes .....	July 3, 2015
Summer Classwork ends.....	July 23, 2015
Summer Final Exams .....	July 27-28, 2015

## *UCO Master Calendar*

<http://calendar.uco.edu/MasterCalendar.aspx>



# PEOPLE OF UCO



# Leadership

## Oklahoma State Regents for Higher Education

James D. Harrel, Chairman ..... *Leedy*  
 Mike C. Turpen, Vice Chair..... *Oklahoma City*  
 John Massey, Sec'y. .... *Durant*  
 Ronald H. White, M.D. .... *Oklahoma City*  
 Gen. Toney Stricklin, Assist. Sec'y..... *Lawton*  
 Joseph L. Parker, Jr. .... *Tulsa*  
 Marlin Glass, Jr. .... *Newkirk*  
 Ann Holloway..... *Ardmore*  
 Jay Helm..... *Tulsa*  
*Chancellor, Glen D. Johnson, J.D.*

## Board of Regents for the Regional University System of Oklahoma

Richard Ogden, Chair..... *Oklahoma City*  
 Susan Winchester, Vice Chair ..... *Chickasha*  
 Jeffrey Dunn ..... *Tulsa*  
 Lake Carpenter..... *Butler*  
 Jan Gordon..... *Broken Arrow*  
 Connie Reilly ..... *Okemah*  
 Michael Mitchel..... *Alva*  
*Dr. Sheridan McCaffree, Executive Director*  
*Janet Barresi, State Superintendent of Public Instruction*

## Executive Officers

Don Betz, Ph.D. .... *President*  
 John Barthell, Ph.D. .... *Provost & VP, Academic Affairs*  
 Donald Chrusciel, Ph.D. .... *VP, Administration*  
 Myron L. Pope, Ed.D. .... *VP, Student Affairs*  
 Cynthia Rolfe, Ed.D. .... *VP, Information Technology*  
 Ann Holzberlein ..... *VP, Development*  
 Charles Johnson..... *VP, University Relations*  
 Mark Kinders ..... *VP Government Relations*

## Office of Academic Affairs

John Barthell, Ph.D. .... *Provost & VP, Academic Affairs*  
 Patricia A. LaGrow, Ph.D. .... *Assoc. VP., Academic Affairs*  
 Charles Hughes, Ph.D..... *Assoc. VP, Institutional Effectiveness*  
 Lori Beasley, Ph.D..... *Assist. VP, Academic Affairs*  
 Greg Wilson, Ph.D. .... *Assist. VP. Research & Grants*  
 Linda Banks, Ph.D. .... *Assist. VP, Academic Affairs*  
 Julie Byer..... *Exec. Dir. Academic Curriculum & Policy*

## Jackson College of Graduate Studies

Richard M. Bernard, Ph.D. ... *Dean, College of Graduate Studies*

# ADMISSION TO GRADUATE STUDIES



# Admission to Graduate Studies

## 1. How to Apply for Graduate Admission at UCO

Apply for admission to graduate study at UCO is convenient and simple. The first item is to decide on an intended program he or she wishes to pursue, the applicant should read the appropriate section of this catalog to find out if letters of recommendation, test score reports, or other documents are required for admission. When all required documents are received, our office will send the submitted documents to the respective program advisor for review and acceptance. Applicants are welcome to call the office of the Jackson College of Graduate Studies (405.974.3341), visit in person (NUC 404), or access the JCGS Website at: [www.uco.edu/graduate/](http://www.uco.edu/graduate/).

## 2. When to Apply

Applicants who have already completed bachelor degrees may apply up to one year in advance of intended enrollment.

Applicants who are currently enrolled as undergraduates and who plan to go directly to graduate school are encouraged to submit their application materials prior to bachelor's degree graduation. The Jackson College of Graduate Studies and the specific graduate programs may make tentative graduate admission decisions based on grades posted one semester before graduation. Admission (or rejection) of an individual applicant will not be finalized, however, until the undergraduate degree is completed and all grades and the degree are posted on the official transcript.

For all programs, applicants are advised to apply well in advance of the semester in which they intend to begin classes. Certain programs have specific application deadlines as indicated in the program sections of this catalog. In addition, there are specific application deadlines for international students. (See the International Graduate Students heading later in this chapter.)

Some programs accept students for any semester, and others confine acceptance to specific times because of curriculum sequencing and/or capacity considerations. Check the specific program section of this catalog to determine the admission cycle for the program in which you are interested.

Students who have not yet received their bachelor's degree must submit a letter from the university Registrar's office verifying graduation.

## 3. Application Materials

All materials for admission to graduate studies must be mailed or hand delivered to the admission desk of the Jackson College of Graduate Studies.

Nigh University Center, Room 404

University of Central Oklahoma, Box 117  
100 N. University Drive  
Edmond, OK 73034

- A. *UCO Graduate Admission Application form.* The application form is required for ALL new graduate students including those currently enrolled as undergraduates at UCO. To apply online go to [www.uco.edu/graduate](http://www.uco.edu/graduate). Click the "Apply Now" link at the top of the homepage. (Note: a completed application form is also required for readmission of former graduate students who have not been enrolled for over one year or who were suspended regardless of the length of non enrollment.)
  - B. *Non-refundable application fee of \$58.50.* (Paid by credit card while applying online.)
  - C. *Official (not student) copies of transcripts.* Applicants must submit official transcripts from ALL accredited institutions of higher learning attended at the undergraduate and graduate level, and any degree(s) earned must be posted on the appropriate transcript(s). Important note: applicants who apply while still enrolled as undergraduates may submit unofficial transcripts for evaluation purposes, but must submit an official transcript showing degree posted before admission can be finalized.
  - D. *Scores from the GMAT or GRE* (if required by the program). See the Admission Examinations section for the specific major to determine if the GMAT or GRE is required. Information about how to take these admission exams is provided under a heading later in this chapter.
  - E. *Letters of recommendation and other documents* (if required by the program). See the section of this catalog for the specific program to determine if letters and/or other documents must be submitted. It is recommended that applicants contact the program office directly for additional details.
  - F. *Appropriate visa and evidence of English Language Proficiency* (for international students only). See the International Graduate Student heading later in this chapter for complete information about admission of international students to graduate study at UCO.
4. **Immunizations**
- Oklahoma state law requires that all new students who attend Oklahoma colleges and universities for the first time provide proof of immunization for certain diseases. Contact the Jackson College of Graduate Studies for more information, either by phone at (405) 974-3341 or on the Web at: [www.uco.edu/graduate](http://www.uco.edu/graduate)
5. **Admission Examinations**
- Some UCO graduate programs require students to submit GMAT or GRE scores for admission. It is the applicant's responsibility to complete the exam, pay fees, and have scores forwarded to UCO. (Scores more than five years old are not acceptable.) Information about how to take the examinations follows:

**A. Graduate Management Admission Test (GMAT)**

The GMAT (or GRE) 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 Sunday, holidays and the first two days of the month at the Pearson Professional Center of Oklahoma, 5100 N. Brookline Ave., Ste. 282, Oklahoma City, OK 73112. Phone 405-917-7325 for appointment. For regularly updated information about the availability of test centers, call 405- 917-7325 or 1-800-247-8731. UCO School code for testing purposes is 6091.

Test bulletins for the GMAT are available in the University Testing Service, Room 302, Thatcher Hall. See the website at: [www.mba.com](http://www.mba.com) for GMAT information, sample questions and testing sites.

**B. Graduate Record Exam (GRE)**

The GRE is required for students seeking several graduate degrees at UCO (see list below). Examination scores must be sent to the Jackson College of Graduate Studies. Examination schedules and expenses are the responsibility of the student. No scores more than five years old will be accepted. The computer version of the GRE is offered every day except Sundays and holidays at the Prometric Learning Center, 2224 NW 50<sup>th</sup>, Suite 196, Oklahoma City, OK 73112 ([www.gre.com](http://www.gre.com)). For regularly updated information about the availability of test centers, call Prometric at 405-843-8378 or 1-800-473-2255. UCO school code for testing purposes is 6091. Test bulletins are available in the University Testing Service office, Room 302, Thatcher Hall.

**C. Changes to the GRE**

The scoring standards for the Graduate Record Examination (GRE) changed on August 1, 2011. Any applicant/student sitting for the examination after that date who has questions, should contact the intended program's coordinator, director or graduate advisor to learn the minimum scoring standards for that degree program.

**D. Degrees Requiring GRE**

The degrees requiring the Graduate Record Exam and the means by which they use the results are as follows:

- 1) **Biology (M.S.)** GRE scores with a preferred minimum overall (quantitative + verbal sections) score of 297 (new scoring system) or 1000 (old scoring system).
- 2) **Business Administration (M.B.A.)** See pages 37-42 for additional information on GRE requirements.
- 3) **Family and Child Studies (M.S.) LMFT** major, Minimum score of 300 (verbal and quantitative sections) and 3.5 on the writing portion.
- 4) **Forensic Science (M.S.)** Minimum score of 300 on the combined verbal reasoning and quantitative sections and a minimum of 3.0 on the analytical writing section.

5) **Engineering Physics (M.S.)** There is no minimum required for admission, but a combined verbal and quantitative score of 305 is recommended.

6) **Nutrition and Food Management, Dietetic Internship - (M.S.)** Minimum combined score of 900 on the verbal and quantitative tests or 4.0 or greater on the written assessment (Pending Regent approval).

7) **Psychology (M.A.)** Minimum score of at least 290 on the combined verbal reasoning and quantitative sections (900 combined on the previous scale) and a minimum of 3.5 on the writing section.

**6. Admission Standards**

All master's degree programs at UCO require that students hold a regionally accredited bachelor's degree (or equivalent for international students). Usually, the undergraduate major will be in a field directly relevant to the master's degree major. Some programs may, however, choose to admit students holding less directly relevant bachelor's degrees if, in the discretion of the program, the student is prepared, or can become prepared by prerequisite coursework or other activity, for work in the graduate field.

Each program has established a minimum grade point average (GPA) standard for regular admission (see p.16.) In addition, some programs have also established minimum GMAT or GRE scores and/or specified a minimum index computed using GRE and GPA. If a program requires letters of recommendation and/or other documents, the submission of such is a minimum requirement for program admission.

A completed post baccalaureate degree from an appropriately accredited institution with at least a 3.00 GPA may also be used to determine eligibility for admission.

**Categories of Admission****Regular Admission:**

Most students admitted to graduate study at UCO will be classified as "regular" graduate students. This means they have completed a bachelor's degree or post baccalaureate degree and they face no further admission requirements as long as they remain in good academic standing and in continuous enrollment (i.e., no break longer than one-year).

**Conditional Admission:**

Selected graduate programs allow conditional admission. Conditional admission relates to undergraduate grade point average (GPA) only. The rules for conditional admission are as follows:

If the graduate program advisor determines that there is good reason to believe that an applicant will be successful despite the applicant's lower than minimum GPA, the program may, at its discretion, admit the student on a "conditional" basis provided that the applicant's undergraduate GPA was



no lower than 2.50 (if graduation within five years) or 2.25 (if graduation more than five years previous to application), within the last ten years before the date of application, or the applicant has completed at least 6 graduate hours at another regionally-accredited institution(s) and earned a minimum 3.00 GPA for all graduate hours attempted. To be considered for conditional admission, the student must meet all program requirements other than minimum GPA. (Some programs do not admit students on a conditional basis.)

1. Conditionally admitted students remain on conditional status for three semesters, beginning with their first UCO graduate enrollment and counting one summer as one semester, or until they complete twelve graduate hours at UCO, whichever comes first. As long as their status is conditional, they may take no more than a total of 12 graduate hours. Once conditional students have completed 12 hours, JCGS will review their grades. They must have a cumulative 3.00 GPA for all graduate hours completed and no grade lower than "B" for graduate hours attempted. Those with cumulative GPA of 3.00 or higher then become regular students. Those with GPA below 3.00 will be dismissed.
2. The College will monitor conditionally-admitted students. If a conditionally-admitted student does not meet the 3.00 GPA requirements, then the college will administratively withdraw and dismiss the student. Students so dismissed will not be considered for admission to any other graduate program at UCO.
3. Students on Conditional Admission status must meet all other criteria for all students.

#### **Provisional Admission:**

If the graduate program advisor determines that there is good reason to believe that an applicant will be successful despite the fact that the student has not completed some specified program prerequisites, the program may, at its discretion, admit the student on a "provisional" basis. At the time of admission, the program will specify the student's deficiencies which must be removed within one full year of enrollment. In some cases, all deficiencies must be completed before any program courses can be taken. In other cases, prerequisites and certain program courses can be taken at the same time. If all prerequisites are satisfactorily completed in a timely manner, the student will be shifted to regular admission status. If the prerequisites are not completed by the deadline, the student will be suspended from the program.

#### **Deferring Admission**

Students are admitted for the semester in which they apply. A student, who has been accepted, may defer admission for 12 months from the start date of the semester for which he or she was admitted, provided that the student still meets all admission requirements at the time of UCO enrollment and has reported all credit hours attempted at other higher education institutions since the time of UCO graduate admission. Students seeking deferrals must make their requests to JCGS by email. UCO will not charge a second application fee

to students so deferred. Students may gain a deferment for their admissions only once. Beyond the deferral's deadline, students must reapply for admissions and again pay an application fee.

#### **Readmission**

Students who have not enrolled and completed a graduate course at UCO for a minimum period of one year must apply for readmission as graduate students to the Jackson College of Graduate Studies, must meet the requirements for the program at that time, and must pay the non-refundable application fee.

#### **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. To be admitted as a non-degree seeking graduate student at UCO, the student's undergraduate transcripts must show a minimum 2.50 overall GPA or 2.75 in the last 60 hours of course work.

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

If non-degree students subsequently achieve admission to a graduate degree program, courses taken in "non-degree" status will be evaluated by the graduate program advisor to determine their applicability to the degree. A maximum of ten graduate hours taken as a non-degree candidate may be applied toward a master's degree. These rules apply unless UCO has a Memorandum of Understanding and/or a Transfer Agreement with the sending institution or its agents providing for an exception to this rule.

Graduate students will be allowed to change their status from non-degree to degree seeking or vice versa at the beginning of each semester. Exception: programs which admit students only once a year. In those cases, student status changes are limited to the programs' admission periods. Those seeking to become degree-seeking would still have to meet all regulations, including graduate program advisor approval.

#### **Admission Prior to Posted Bachelor's Degree**

1. Until the degree is posted, the student may only enroll in a total of ten (10) graduate hours. If the student completed 10 graduate hours as a part of mixed enrollments, the student will not be able to enroll until bachelor's degree is posted.
2. If the bachelor's degree is not posted within the first 10 graduate hours, the student will not be allowed to enroll in future graduate courses.

#### **International Graduate Students**

The University of Central Oklahoma welcomes international students and encourages them to enroll in graduate programs for which they are qualified. International individuals wishing to attend UCO should first contact the University's Office of Global Affairs. This office will assist international applicants with the application process and advise them regarding visa requirements.

Office of Global Affairs  
 Nigh University Center, Room 137  
 University of Central Oklahoma, Box 163  
 100 N. University Drive  
 Edmond, OK 73034 USA  
 Telephone: 405-974-2390  
 E-mail: international@uco.edu

International students must meet the admission standards for all students plus the special regulations for international students, unless UCO has a Memorandum of Understanding and/or a Transfer Agreement with the sending institution or its agents providing for exception to these regulations.

#### A. Deadlines for International Students

Due to the amount of time needed to process an international admission application, the Office of Global Affairs has in place the following deadlines:

Fall semester .....	July 1
Spring semester .....	November 1

Deadlines for applications to specific graduate programs vary. 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.

#### B. Enrollment and the F-1 Visa

While studying at the University of Central Oklahoma, an international graduate student on F-1 visa status must maintain full time enrollment each semester to preserve his/her US Citizenship and Immigration Services (USCIS) status.

#### C. Undergraduate Degree and Transcripts

Admission to graduate study at UCO requires the completion of a bachelor's degree or a post baccalaureate degree from a regionally-accredited institution in the U.S. or the equivalent degree from another country. The determination of equivalence is made by UCO using generally accepted academic resources.

All graduate school applicants, including international students, must submit official copies of transcripts before their admissions can be finalized. UCO recognizes that obtaining official file copies of international transcripts can sometimes be difficult and time consuming. Accordingly, in some cases the Jackson College of Graduate Studies (JCGS) may grant admission based on examination and photocopying of documents, including a certified document from the student's institution stating that all requirements for the bachelor's degree have been satisfied, in the applicant's possession pending receipt of official documents. Official documents must be received by the JCGS before the student's admission can be finalized.

#### D. International Grades

For the purpose of calculating Grade Point Averages (GPAs), UCO converts grades listed on the transcripts of other institutions to UCO's 4.0 grading scale. Because UCO does not grant grades of "plus" or "minus," a grade of "B+" from another institution, as an example, is recorded at UCO as a grade of "B," and given the value of 3.0.

#### E. English Language Proficiency

All students for whom English is a second language must present evidence of proficiency in the English language as required by the Oklahoma State Regents for Higher Education (OSRHE). The following are acceptable ways for potential graduate students to present such evidence of English proficiency:

1. Test of English as a Foreign Language (TOEFL)
  - a. Score of 550 or higher on the paper exam
  - b. Score of 213 or higher on the computer exam
  - c. Score of 79 or higher on the internet exam
2. International English Language Testing System (IELTS) score of 6.5
3. Oklahoma State Regents for Higher Education (OSRHE) Approved English Language School

Students in limited categories may present evidence of completion of a minimum 12-week course of study at an OSRHE-approved English language school, with at least two-thirds of the 12 weeks of instruction at an advanced level. The categories include those who score as follows on the TOEFL exam:

- a. Score between 500 - 549 on the paper exam
  - b. Score between 173 - 212 on the computer exam
  - c. Score between 61 - 78 on the internet exam
  - d. Score of 6.0 on International English Language Testing System (IELTS)
4. Complete a baccalaureate or graduate degree from an appropriately accredited college or university where English is the primary teaching language in a country where English is a primary language and that is recognized by professional organizations in the U.S. involved in admissions and international education.
  5. Attend an appropriately accredited US college or university for a minimum of three full-time semesters of satisfactory graduate work.

#### F. International Internships

Qualified international juniors, seniors, and graduate students are eligible for International Student Internships both on and off campus. The U.S. Bureau of Citizenship and Immigration Service has approved internships as "Curricular Practical Training." That means that interns may earn money working off-campus as well as on campus. Intern wage rates vary, but they are never lower than \$7.25 per hour. For complete information, access the Office of International Services website at: <http://www.uco.edu/iooffice/>

Program/Degree	Overall GPA	Last 60 hrs GPA	Program/Degree	Overall GPA	Last 60 hrs GPA
<b><i>College of Business</i></b>			<b>Criminal Justice Mgmt &amp; Admin</b> 2.75 or 3.00 or Index score $\geq$ 5.00		
M.B.A.—Business Administration	3.00	or 3.25	(The index is determined by the following method: GRE score divided by 400 + GPA $\geq$ 5.00.)		
<b><i>College of Education &amp; Professional Studies</i></b>			<b>English</b>		
<b>Adult Education</b>			<b>20<sup>th</sup>/21<sup>st</sup> Century Studies</b> 2.50 or 2.50		
Adult & Higher Educ.	2.75	or 2.75	<b>Composition &amp; Rhetoric</b> 2.50 or 2.50		
Interdisciplinary Studies	2.75	or 2.75	<b>Creative Writing</b> 2.50 or 2.50		
Student Personnel Training	2.75	or 2.75	<b>TESL</b> 2.50 or 2.50		
Athletic Training	2.75	or 2.75	<b>Traditional Studies</b> 2.50 or 2.50		
Bilingual Educ./TESL	2.75	or 2.75	<b>Gerontology</b> 2.75 or 2.75		
Early Childhood	2.75	or 2.75	<b>History</b>		
Educational Leadership	2.75	or 2.75	<b>General</b> 2.75 or 3.00		
Elementary Education	2.75	or 2.75	<b>Museum Studies</b> 2.75 or 3.00		
Family & Child Studies			<b>Liberal Studies</b> 2.75 or 3.00		
Family Life Education	2.75	or 3.00	<b>Political Science</b>		
Infant/Child Specialist	2.75	or 3.00	<b>General</b> 2.75 or 3.00		
Licensed Marriage & Fam. Ther.	2.75	or 3.00	<b>Internat'l Affairs</b> 2.75 or 3.00		
Library Media Education	2.75	or 2.75	(The index method is determined by the following formula: GRE score divided by 500 + GPA $\geq$ 5.00.)		
Nutrition & Food Mgmt	2.75	or 2.75	<b>Substance Abuse Studies</b> 2.75 or 3.00		
Psychology			<b>M.F.A.</b>		
Counseling	3.00	or 3.00	<b>Creative Writing</b> 2.75 or 2.75		
Experimental	2.75	or 2.75	<b>M.P.A.</b>		
Forensic Psychology	2.75	or 2.75	<b>Public Administration</b> 2.75 or 3.00		
General	2.75	or 2.75			
School Psychology	3.00	or 3.00			
Reading	2.75	or 2.75			
School Counseling	2.75	or 3.00			
Secondary Education	2.75	or 2.75			
Special Education			<b><i>College of Mathematics &amp; Science</i></b>		
Mild/Moderate	2.75	or 2.75	<b>M.S.</b>		
Severe/Profound	2.75	or 2.75	<b>Applied Mathematical Science</b>		
Speech Lang. Path.	2.75	or 2.75	<b>Applied Math &amp; Comp Sci</b> 3.00 and 3.00		
Wellness Management			<b>Mathematics</b> 3.00 and 3.00		
Exercise Science	2.75	or 2.75	<b>Math Teaching</b> 3.00 and 3.00		
Health Studies	2.75	or 2.75	<b>Statistics</b> 3.00 and 3.00		
			<b>Biology</b> 2.50 and 3.00 and Index score $\geq$ 5.5		
			(The index is determined by the following method: GRE score divided by 500 + GPA $\geq$ 5.50.)		
<b><i>College of Fine Arts &amp; Design</i></b>			<b>Engineering Physics</b> 2.75 and 3.00		
M.F.A.—Design	2.50	or 2.50	<b>Biomedical Engineering</b> 2.75 and 3.00		
M.M.—Music	2.50	or 2.75	<b>Electrical Engineering</b> 2.75 and 3.00		
Composition	2.50	or 2.75	<b>Mechanical Engineering</b> 2.75 and 3.00		
Conducting	2.50	or 2.75	<b>Physics</b> 2.75 and 3.00		
Music Education	2.50	or 2.75			
Performance	2.50	or 2.75			
M.M.—Jazz Studies			<b><i>Forensic Science Institute</i></b>		
Performance	2.50	or 2.75	<b>Forensic Science</b> 3.00		
Commercial Production	2.50	or 2.75	<b>Forensic Science - Bio/Chem</b> 3.00		
<b><i>College of Liberal Arts</i></b>					
M.A.			<b>Non-Degree-Seeking</b> 2.50 or 2.75		
Crime Intelligence Analysis	2.75	or 3.00 or Index score $\geq$ 5.00			



# ACADEMIC REGULATIONS AND GRADUATE REQUIREMENTS



# *Academic Regulations*

## **Changes in Degree Requirements**

Graduate degree requirements in effect at the time of a graduate student's first enrollment will remain in effect for six years. In no case shall the University of Central Oklahoma be obligated to make such required courses or activities available for more than six years.

Individual plans of study, once approved, will remain in force regardless of succeeding changes in degree programs.

Students who have not enrolled for one year or longer will be required to meet the standards in force at the time of readmission.

## **Types of Graduate Courses**

### **Traditional Courses**

A traditional course is a 16-week class conducted in a classroom setting where the instructor meets face-to-face with the students. The course may have lectures, discussions, activities, or demonstrations with or without web requirement.

### **Intersession**

An intersession course is one offered in the time period between the end of one term and the start of another. Students may take a maximum of 5 credit hours per intersession.

### **Electronic and Hybrid Courses**

Internet and other electronic courses are offered beyond the classroom setting. Hybrid courses require both electronic and in-class activities. UCO accepts these classes for credit, whether the students take them from UCO or transfer them to UCO (subject to the same restrictions on other transfer courses). Students taking UCO electronic or hybrid courses earn residential credit.

### **Self-Paced Online Course Admission**

Self-Paced Online Courses (SPOC) are open enrollment courses (students can enroll any day of the year) and can be completed in as little as 30 calendar days or take as long as 180 days. A student does not have to be admitted to the University of Central Oklahoma to take self-paced online courses; conversely, enrollment in self-paced online courses does not constitute admission to UCO. A student must be formally admitted to UCO before credits earned will be applicable towards a degree. Students are encouraged to consult with an academic advisor before enrolling to ensure that credit will apply. Visit the Academic Advisement website at <http://www.uco.edu/em/explore/academic-advisement/index.asp> for more information.

In self-paced online courses, students work independently under the supervision of a UCO faculty member and submit coursework at their own pace. Courses completed count as

credit hours toward a degree at UCO. Self-paced courses are considered correspondence courses. A maximum of 6 hours of self-paced online course/correspondence credit may be applied towards a UCO degree. It is recommended a student enroll in no more than two courses at a time.

A student may take up to 180 calendar days from the date of enrollment to complete a self-paced online course, including the final exam. Many self-paced online courses can be completed in as little as 8-10 weeks; however, the time it takes to complete the course is dependent on many factors such as grading timelines, university holidays, and course-specific requirements and activities. Given the flexible nature of self-paced online courses, no guarantees are made within this timeframe on the exact length of time in which a course can be completed. No self-paced online course can be completed in less than 30 calendar days from the date of enrollment.

Students can drop self-paced online courses within 14 calendar days following the date of enrollment for a full refund. Students can withdraw from self-paced online courses with a "W" up to 124 calendar days from the date of enrollment.

Upon completion of a self-paced course, letter grades earned will be posted to an official UCO transcript with the designation "correspondence study." If a self-paced online course is not completed within the allowed 180 calendar day timeframe, a grade will be determined by the course instructor based on the work completed through the final date of enrollment.

Self-paced online courses adhere to all policies and regulations set forth in Students Rights and Responsibilities regarding: 1) Honor Codes, 2) Academic Policy, 3) Grade Appeals, 4) Dishonesty Policy, 5) Conduct, 6) Enrollment, and 7) Refunds.

## **Categories of Graduate Credit**

### **Graduate Credit from Graduate Courses**

A student granted regular admission to the Jackson College of Graduate Studies at the University of Central Oklahoma may enroll in any courses offered for graduate credit for which he/she has completed the prerequisites.

Graduate level courses will not count toward graduate degree requirements if the student previously enrolled in the course for undergraduate credit.

### **Accelerated Master's Degrees**

Students may accelerate their progress and graduate early by one of three methods.

1. As an undergraduate, earn credit under the Mixed Enrollment Policy.
2. As a graduate transfer student, transfer credit to UCO from another institution.
3. As a UCO graduate student, enroll in more than 9 graduate hours per term and/or enroll in summer terms.

## **Academic Regulations & Graduation Requirements**

### **Graduate Credit Earned While Still an Undergraduate ( Mixed Enrollment)**

Seniors at UCO who plan to go on to graduate school are eligible to take a maximum of 10 graduate credit hours (i.e. 5000-level courses) before receiving their bachelor's degree. If the student completes 10 graduate hours as a part of mixed enrollments, the student will not be able to enroll until the bachelor's degree is posted. They may take these hours during their last two undergraduate semesters however, if the bachelor's degree is not posted within the first 10 graduate hours taken, the student will not be allowed to enroll in future graduate courses.

This provision allows a student to get a head start on his or her graduate program if the student does not need a full load of undergraduate courses to complete baccalaureate requirements. The student seeking mixed enrollment must submit the following to the Jackson College of Graduate Studies (JCGS):

1. an application for admission to graduate studies
2. a Mixed Enrollment form
3. certification from the undergraduate advisor that the student is in his/her last two semesters prior to completion of the bachelor's degree.

Acceptance for mixed enrollment is subject to the following criteria:

1. The student must have an overall undergraduate GPA of 3.00 or higher.
2. The student's total course load for the semester (graduate and undergraduate) must not exceed 16 hours with a maximum of 9 hours for graduate credit.
3. The maximum number of mixed enrollment in the summer is 12 hours with 8 of those hours in graduate courses.
4. A course may NOT count for both graduate and undergraduate credit
5. Only three semesters (counting either or both summer terms as one semester) of a mixed enrollment are allowed until the bachelor's degree is granted.

### **Mixed Enrollment for non-UCO students**

Seniors at other universities who plan to go to graduate school at UCO are eligible for mixed enrollment provided that they are within thirty hours of undergraduate graduation, as long as they meet the standards listed above and under the following conditions:

1. Be admitted to UCO as an undergraduate student;
2. Provide an undergraduate transcript to the Jackson College of Graduate Studies showing an overall undergraduate GPA of 3.0 or higher, and at least junior standing from home institution;
3. Provide a letter from the home institution's registrar indicating the student has 30 or fewer hours remaining to complete the baccalaureate degree.

Although listed as item #4. above, it should be emphasized that graduate credit earned at UCO while an undergraduate student and applied toward an undergraduate degree may not be used to satisfy graduate degree requirements at the University of Central Oklahoma.

### **Transfer Credit**

A maximum of 10 (ten) semester hours of graduate credit from an appropriately accredited, degree-granting institution may be transferred to a graduate degree program at the University of Central Oklahoma, unless UCO has a Memorandum of Understanding and/or a Transfer Agreement with the sending institution or its agents. These 10 hours must carry grades of "B-" or higher, must apply to the student's UCO program and must appear on a UCO Plan of Study. Courses must be approved by the graduate program advisor and the Dean of the Jackson College of Graduate Studies.

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

If the courses have been used to satisfy degree requirements at other universities, they cannot count toward degrees at UCO, unless UCO has a Memorandum of Understanding and/or a Transfer Agreement with the sending institution or its agents providing for an exception to this rule. Only those courses approved by graduate program advisors for credit toward UCO degrees will count toward GPA calculations. All provisions for transfer to UCO are subject to modifications in cases where UCO has a Memorandum of Understanding and/or a Transfer Agreement with the sending institution or its agents providing exceptions to the transfer rules.

### **Internship Credit**

Internship credit may not exceed 8 credit hours.

### **Credit for In-Service Training**

In-service courses will be counted toward a degree only when offered through a fully-accredited institution of higher education and listed on a certified transcript from that institution. Such credit is subject to the transfer credit regulations above.

### **Workshop Credit**

No more than six hours may be earned by the participation in workshops. No more than three hours may be earned by participation in the Oklahoma Scholar-Leadership Enrichment Program (OSLEP), 2007-2009. Graduate program advisors must approve all hours earned through workshops.

### **Auditing Courses for No Credit**

On a space-available basis, students may audit graduate courses if they obtain written permission from the instructors. The instructors of audited courses are not obligated to grade or evaluate the course work or performance of auditing students. Students receive no credit for audited classes. These courses neither meet degree requirements nor count toward the GPA. Fees are the same for audited and credit courses. Students may not drop audited courses and subsequently pick them up for credit.

### **Extra-institutional Examinations**

Extra-institutional examinations may not be taken as graduate credit.

**Credit for Individual Study**

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

**Other Enrollment Regulations**

**Enrollment Periods**

Enrollment at the University of Central Oklahoma begins in April for the Summer and Fall Semester, and in November for the Spring Semester.

**Enrollment Status**

A full-time graduate student is one enrolled in a minimum of nine credit hours per semester in a fall or spring semester or at least five graduate hours in the summer.

**Enrollment Status and Assistantships**

Full-time graduate students with teaching assistantships, research assistantships, or graduate assistantships (a graduate assistantship is a graduate intern employed in a non-academic department) must enroll in at least five graduate hours, except that in their final semester, full-time graduate students working as TAs, RAs, or GAs may take a minimum of three hours. The summer minimum for TAs, RAs, and GAs is three graduate hours, or a commitment to enrollment as a full-time graduate student in the fall.

**Enrollment Status and Financial Aid**

Enrolling in fewer than nine hours in any fall, spring, or summer term even if receiving a teaching assistantship, research assistantship or graduate assistantship may affect a student's eligibility for financial aid. Students should direct questions about their own financial aid to the Financial Aid Office.

Student Status	Fall FT Minimum Hours	Spring FT Minimum Hours	Summer FT Minimum Hours	Last Sem. FT Minimum Hours
Grad Student w/o TA, RA, or GA	9	9	5	No Minimum
Grad Student with TA, RA, or GA	5	5	3	3
Grad Student with Financial Aid	9	9	9	9

**Advisement**

The graduate program advisors for graduate degree programs advise students on enrollments and program requirements. After admission, a student meets with his/her graduate program advisor to develop his/her individual plan of study. It is important that the student work closely with his/her advisor to ensure that all program requirements are met.

Graduate program advisors are not always on campus during semester breaks. Students should make appointments to ensure their availability.

**Course-Load Limits**

Without advance written approval, graduate students may enroll in no more than 12 graduate hours during the fall or spring semester (16 weeks) or 9 hours during the summer. With written approval from the graduate dean, a student may enroll in 15 graduate hours during spring or fall semesters or 12 graduate hours during the summer term. Overload permission forms are available in the Jackson College of Graduate Studies. Traditional courses, workshops, intersessions, institutes, and course work taken electronically or at other institutions are included in this total. Up to five hours of intersession credit are allowed immediately following each semester. Graduate enrollments above maximums will not be applied toward a master's degree at the University of Central Oklahoma.

Students may enroll in sixteen (16) or fewer hours of mixed-enrollment (graduate and undergraduate) credits in a regular semester, including no more than 10 hours of graduate credit. The maximum number of mixed-enrollment in the summer is 12 hours with 8 of those hours in graduate courses.

Graduate students on academic probation may only enroll for a maximum of 10 (ten) graduate hours in the fall and spring and 6 (six) graduate hours in the summer.

**Changing Programs**

Students who wish to change from one graduate program to another must meet all admission requirements for the new degree program, meet with their new graduate program advisor to complete the Graduate Program Change Request form (available in the Jackson College of Graduate Studies) and submit the request along with a formal plan of study for their new program, to the Jackson College of Graduate Studies. Students must meet all admission requirements for their new programs, including those involving the undergraduate GPAs.

**Adds, Drops and Withdrawals**

**Adds**

Students may add classes anytime before the end of the first week of classes. Please refer to the Class Schedule online under Web Registration Deadlines for specific deadline dates at: [www.uco.edu/registrar/admit/enrollinfo.asp](http://www.uco.edu/registrar/admit/enrollinfo.asp)

**Drops**

**Pre-Semester Drops:** Students may drop a class before the first day of the semester either at the Enrollment Management Office or online. No records of courses dropped before the start of the semester will appear on transcripts. There are no financial penalties for such drops.

**Early Semester Drops:** As long as they do not withdraw from all classes, students may drop classes before the end of the second week of the fall or spring semesters by completing the appropriate forms either at the Enrollment Management Office or online. No record of courses will show on transcripts. There are no financial penalties for such drops.

**Late Semester Drops with Permission:** As long as the student does not withdraw from all classes, students may under unusual circumstances, as defined by the university, drop classes after the end of the second week of classes of the fall and spring semesters. Examples of unusual circumstances

include emergencies, hospitalization, military deployments, and moving to out-of-state jobs. Poor academic performance or lack of deadline compliance does not merit approval. Requests to drop in this manner require documentation, instructor confirmation of relevant information, and permission of the Director of Admissions and Records. All approved drops show on transcripts as either “withdraw” if the student is passing the course or “F” if not passing. The student is responsible for full payment of tuition and fees.

Students who abandon their studies without formally dropping their courses will receive grades of “F.”

*Note: A late drop can have a significant negative impact on financial aid.*

Please refer to the Class Schedule online under Web Registration Deadlines for specific deadline dates at:

[www.uco.edu/registrar/admit/enrollinfo.htm](http://www.uco.edu/registrar/admit/enrollinfo.htm)

**Withdrawals from All Courses**

**Pre-Semester Withdrawals:** Students may withdraw from all of their classes before the first day of the semester at the Enrollment Management Office. No records of courses withdrawn before the start of the semester will appear on transcripts. There are no financial penalties for such withdrawals.

**Early Semester Withdrawals.** Students may withdraw from all classes before the end of the second week of classes of the fall and spring semesters by completing the appropriate forms at the Enrollment Management Office. No record of courses will show on transcripts. There are no financial penalties for such withdrawals. Withdraws are not official until processed by Enrollment Services.

**Late Withdrawals with Permission:** Under unusual circumstances, as defined by the university, students may withdraw from all classes after the end of the second week of classes of fall and spring semesters. Examples of unusual circumstances include emergencies, hospitalization, and moving to out-of-state jobs. Poor academic performance or lack of deadline compliance does not merit approval. Requests to withdraw in this manner require documentation, instructor confirmation of good standing, and permission of the Director of Admissions and Records. All approved withdrawals show on transcripts as either “Withdraw” if the student is passing the course or “F’s” if not passing. Withdrawals are not official until processed by Enrollment Services. Students who abandon their studies without formally withdrawing will receive grades of “F.” The student is responsible for full payment of tuition and fees.

*Note: A late withdrawal can have a significant negative impact on financial aid.*

**Summer Semester Drops and Withdrawals:**

1. Regular Summer Semester (8 weeks) - financial penalties will apply after the first week of class.
2. Block I and Block II Semester (4 weeks) - financial penalties will apply after the first three days of class.

Please refer to the Class Schedule online under Web Registration Deadlines for specific deadline dates at:

[www.uco.edu/registrar/admit/enrollinfo.htm](http://www.uco.edu/registrar/admit/enrollinfo.htm)

**Administrative Withdrawals from Courses for Non-**

**Attendance:** The university may withdraw students for failure to attend between the end of the second week and the end of the eleventh week of class. The university charges students who withdraw in this manner an amount equal to 25 percent of the courses’ original costs for tuition and fees. Withdrawals are not official until processed by Enrollment Services.

**Grading System**

The following system of grading is used at the University of Central Oklahoma.

**Grades Used in Calculating Grade Point Average**

Grade	Note	Points/ Hour
A	EXCELLENT	4
B	GOOD	3
C	AVERAGE	2
D	BELOW AVERAGE	1
*F	FAILURE	0

**Grades Not Used in Calculating Grade Point Average**

Grade	Note
S	SATISFACTORY
U	UNSATISFACTORY
P	PASS

\*Failure - given when students 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 but is allowed to drop or withdraw after the established deadlines.

*Note: For the purpose of calculating grade point average (GPA) UCO converts grades listed on the transcripts of other institutions to UCO’s 4.0 grading scale. UCO does not recognize “plus” or “minus” grades, so, for example, transferred grades of B+ or B- would be recorded at UCO as B with a point value of 3.0.*

**SYMBOLS USED TO INDICATE COURSE STATUS**

Symbol	Note	Symbol	Note
I	INCOMPLETE	W	WITHDRAWAL
AW	ADMINISTRATIVE WITHDRAWAL	N	GRADE NOT REPORTED
AUD	AUDIT	X	THESIS IN PROGRESS
P	Passing - given for workshops, student teaching, physical education activity courses, and extracurricular credits.		
S	Satisfactory - given for 0-level (non-collegiate/developmental) courses.		
U	Unsatisfactory - given for 0-level (non-collegiate/developmental) and physical education activity courses and indicates the student’s level of understanding is not sufficient to take the next level of course work.		
I	Incomplete - given at the instructor’s discretion to indicate that additional work is necessary to complete a course. It is not a substitute for an “F” grade and no student may		



## Academic Regulations & Graduation Requirements

be failing a course at the time an "I" grade is awarded. To receive an "I" grade, the student should have satisfactorily completed a substantial portion of the required course work for the semester. Students have one year to resolve incomplete grades. In extenuating circumstances, the instructor may grant exceptions. *"I" grades not changed by the instructor to a letter grade, within one year, will remain as a permanent "I" and not contribute to the student's GPA. "F" grades cannot be changed to "I" grades.*

W Withdrawal - given when a student initiates a withdrawal by the established procedures and deadlines.

N Not Reported - given when an instructor fails to submit grades by the established deadline.

AUDIT—given when students formally audit classes.

AUD-U—given when a student enrolled for audit but did not meet the instructor's attendance and/or participation requirements for auditors.

X Thesis in Progress

### Grade Appeals

In cases where graduate students wish to appeal a final grade, they must follow the Academic Appeal Policy located online under the UCO Academic Affairs Website at:

<http://www.uco.edu/academic-affairs/students/grade-appeals.asp>.

### Prerequisites and Corequisites

A prerequisite is a course, skill, or knowledge required to be completed PRIOR to taking another course. Prerequisites are established for courses requiring a specific background knowledge or skill level for successful completion. Many courses have more than one prerequisite.

Corequisites are complementary courses which require concurrent enrollment and which together comprise a body of knowledge or skills for the student.

Prerequisites and corequisites are established for the benefit of students. Insufficient background knowledge is an obstacle to success and often results in frustration, lower grades, and withdrawal.

Meeting prerequisites and corequisites is the responsibility of the student. (Exceptions must be cleared by the appropriate department or instructor.) Prerequisites and corequisites are listed in the catalog and on the Web class listings. Some prerequisites may be taken concurrently, and are listed as such in the course descriptions.

Students who pre-enroll in a course which requires a prerequisite or corequisite in which the student is currently enrolled may be dropped from that course by the university if they subsequently fail or drop the prerequisite/corequisite course.

### Repeating Courses

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 unless the transfer of these courses to UCO falls under a Memorandum of Understanding and/or a Transfer Agreement between UCO and another institution. See "Transfer Credit."

## Academic Probation and Suspension

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.

### A. Academic Probation

1. A student, regardless of admission status, will be placed on academic probation if:
  - a. The student has completed nine graduate hours; and
  - b. The student's cumulative graduate grade point average (GPA) falls below 3.00.
2. While a student is on academic probation, the student may not enroll in more than ten (10) graduate credit hours in regular semesters and six (6) graduate credit hours in the summer semester.

### B. Academic Suspension

1. A student will be placed on academic suspension if:
  - a. the student's cumulative graduate GPA falls below 2.00 in any semester;
  - or
  - b. the student fails to achieve a minimum graduate GPA of 3.00 in any semester while on probation.
2. A suspended student may not take graduate courses for at least 16 weeks while awaiting adjudication from the Graduate Council.

### C. Readmission After Suspension

1. A student who wishes to be considered for readmission must submit a written appeal for readmission to the dean of the Jackson College of Graduate Studies within 30 days of issuance of their suspension. This is the only opportunity for the student to provide information relating to the substance of his/her appeal, thus, the student must include all information which he/she wants to have considered. The Admissions and Retention Committee of the Graduate Council will review the appeal and recommend readmission or dismissal to the Graduate Council.
2. The graduate dean will notify the student of the Council's decision regarding dismissal or readmission.
3. If the Graduate Council approves readmission, the student must fill out a new application to graduate school, pay the \$58.50 non-refundable application fee, and will continue on academic probation. The student must maintain a graduate GPA of 3.00 each semester.

4. Failure to achieve a graduate GPA of 3.00 or above during any semester after readmission will result in immediate dismissal from graduate studies at UCO with no reprieve for further graduate work.
5. Within 30 days of issuance of the notification, the student may appeal the decision in writing to the graduate dean but only on a claim that a university official had failed to follow proper procedures or laws. The dean will not reevaluate the facts of the student's case, but if the dean finds that procedural errors may have occurred, the dean will resubmit the student's appeal to the Admissions and Retention Committee which will recommend readmission or dismissal to the Graduate Council. The Council's decision would then be final.

## Honors and Awards

### Graduation with Honors

The University of Central Oklahoma grants degrees "with honors" to students who complete the master's degree with grade-point averages of 4.00 for all graduate work attempted.

Recognition of graduation with honors at the commencement ceremony is based on the student's current retention GPA and will not include pending courses during the last semester of enrollment.

### President's Honor Roll

Graduate students who earn all "A's" in a Spring or Fall semester in which they complete at least nine hours of residence graduate work, are listed on the President's Honor Roll.

### The E.C. Hall Graduate Scholar Award

The E.C. Hall Award, named in honor of the first graduate dean, goes each year to the graduate student with the highest academic record. In the case of a tie, the award goes to the student who completed the most total graduate credit hours and after that, to the student who completed the most UCO graduate credit hours. If two or more students are still tied, each receives the award.

## Exceptions and Waivers

Exceptions or waivers to any graduate studies requirement must be formally requested in writing and approved by the graduate program advisor, the Chair of the Department, Dean of the College, and the Graduate Dean.

# Graduation Requirements

The University of Central Oklahoma offers the following graduate degrees:

Master of Arts  
Master of Fine Arts  
Master of Business Administration  
Master of Music  
Master of Education  
Master of Science  
Master of Public Administration

## Formal Application for Graduation

In order to graduate with a master's degree, a student must submit a formal Graduation Application to the Jackson College of Graduate Studies (JCGS) by the deadline established for the term (fall, spring, or summer) that the student intends to graduate.

### DEADLINES FOR GRADUATION APPLICATION

Fall Semester Graduation	Sept. 15
Spring Semester Graduation	Feb. 15
Summer Term Graduation	Feb. 15

### GRADUATION FEE

There is a non-refundable \$35 graduation fee that must be paid to the Bursar's Office in person (NUC 134) or electronically (see below). There is an additional \$25 fee for processing late applications. Please note, the University will process late applications as time allows, but students who apply late are NOT guaranteed to have their applications fully processed prior to the end of the semester or summer term.

### PROCEDURES FOR GRADUATION APPLICATION

*Option 1:* Apply in person by paying the graduation fee at the Bursar's Office and then presenting the receipt and completed form to the JCGS (NUC 404).

*Option 2:* Apply online by going to:

[www.uco.edu/graduate/graduation/mgradapp.asp](http://www.uco.edu/graduate/graduation/mgradapp.asp) and clicking the link to Graduation Information. The fee will be charged electronically to the UCO student account.

Once the Graduation Application has been submitted, a final degree check will ascertain if all requirements have been met. This process will normally take one to four weeks depending on workload after which the student will be notified in writing of the results of the degree check. Call the Graduate Program Specialist at 974-2527 with any questions.

If a student fails to complete requirements during the semester for which he or she applied for graduation, the student must contact the JCGS to have his or her application rolled forward to a subsequent term. There is an additional fee for such changes (except for change from Spring to Summer of the same calendar year).

**Academic Regulations & Graduation Requirements****Commencement Ceremonies**

Recipients of master's degrees are strongly encouraged to participate in the University's formal commencement ceremonies, which are held at the end of fall and spring semesters. Students who graduate at the end of the summer term are eligible to participate in the previous spring ceremony. The dates for commencement exercises are announced on campus well in advance so that students may order invitations and invite friends and family.

Several weeks in advance of the ceremony specific information regarding academic regalia (caps & gowns) and the particulars of the exercises (times, place, marching order, etc.) will be provided to students who have applied for graduation.

**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.

**Requirements for All Master's Degrees****Program Requirements: Courses and Credit Hours**

To graduate, a student must meet the course and total hour requirements specified in the catalog at the time that the student first enrolled in the program. All master's degree programs contain at least 32 graduate hours, and some require more.

In some cases because of transfer-hour calculation, change in course hours at UCO, substitution, or other factors a student may meet a course requirement with a course that carries fewer hours than the one specified in the program curriculum. In such cases the student must obtain credit for additional hours in order to reach the program minimum.

In certain cases as recommended by the student's graduate program advisor, a student who is deficient in certain areas may have additional course work mandated.

**Changes in Requirements**

To graduate, a student must meet the specific requirements specified in the catalog at the time that the student first enrolled in the program unless either the university or program requirements change before he or she completes all requirements. In that case, the student may choose to meet either the requirements specified in the catalog at the time that the student first enrolled in the program or the requirements in the newest catalog. The student must meet the entire set of requirements in one catalog or the other, not a mixture of requirements from the two catalogs. With the approval of the program's graduate advisor and the graduate dean, however, some requirement substitutions may be allowed. Students whose enrollment is not continuous must meet the requirements in effect at the time of readmission.

**Grade Point Average**

JCGS requires a cumulative grade-point average of 3.00 or "B", or better in all graduate work. No grade below "C" is acceptable for graduate credit, and no 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, but grades of "C", "D" and "F" are included in the calculation of GPAs.

**Time to Degrees**

UCO awards full credit for graduate hours completed within six years. Courses completed in more than six years and fewer than ten years will satisfy program course requirements but will count for only one-half of the credit hours listed for minimum program and degree hours. Credit hours completed more than 10 years after the completion of the student's first graduate course will not be applied toward the master's degree.

**Concurrent and Sequential Master's Degrees**

A student may seek concurrent master's degrees in any two areas of their choosing. To pursue concurrent degrees, the student must be admitted to both programs before 12 credit hours of program work are completed in either program. In the requirements for concurrent degree programs are:

1. All degree requirements, including research tools, foreign languages, comprehensive examination, thesis and deficiencies, must be met for both programs.
2. Up to 20 percent of the total graduate credit hours required for both degrees taken individually may be double counted, e.g. counted as credit for both master's programs.
3. The double-counted courses must be appropriate for each degree.

A student may seek a sequential master's degree subject to the following additional considerations.

1. The subsequent degree cannot be in the same specific area as the first degree. In the case of dispute regarding similarity, the dean of the Jackson College of Graduate Studies will make the determination.
2. The student must complete a minimum of 32 additional graduate hours not included in any previous degree; i.e., a specific course may not be used to complete the course or hour requirements for more than one degree unless the transfer of these courses to UCO fall under a Memorandum of Understanding and/or Transfer Agreement between UCO and another institution. See "Transfer Credit."
3. The Graduate Advisor may waive a research methods course if the student has already taken such a course in another master's degree program in the same or in a related field. Students must still complete the same number of hours required for the current degree program by substituting another course approved by the advisor.

An official transcript from an appropriately accredited institution with a master's degree posted is required for admission to a sequential master's degree program.

**Requirements for Certain Degrees****Comprehensive Exams**

Comprehensive exams, required for certain master's degrees, must 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.



**Academic Regulations &  
Graduation Requirements****Continuous Enrollment Required for Thesis or Project**

All programs involving a master's thesis or special project (Creative Writing, Applied Math, etc.) require the student to be in continuous enrollment (fall and spring semesters) in a 5990 course (thesis) or 5980 course (project) until all requirements for the degree are completed.

NOTE: Students must submit their completed thesis and projects to their instructors in a timely manner. If a student submits his or her thesis or project too late for the instructor and/or committee to evaluate it and meet the deadline for submitting grades for that term, the student must enroll in at least one additional hour of thesis credit in the following term even though the thesis or project has been completed and submitted. This will delay the student's graduation by one semester.

**Thesis**

Some graduate programs require a master's thesis. Students completing a thesis must follow the instructions of their thesis committee concerning the development and preparation of their thesis. Additionally, thesis students must comply with the JCGS and the Chambers Library requirements as explained below.

**Thesis Committee**

Students should consult their graduate program advisors early in their master's programs for requirements regarding thesis committee and thesis preparation.

Once a student's thesis committee has been formed, the student must submit a signed copy of the Graduate Thesis Committee Form to the JCGS. Students can obtain the forms from their program department.

**Thesis Hours**

The maximum number of thesis hours which may be applied toward any graduate program is six (6) except that the maximum for the MFA in Design is twelve (12).

Once enrolled in thesis hours, a student must remain continuously enrolled in thesis hours during each fall and spring semester until full completion of all thesis requirements have been met.

**Thesis Grading**

Thesis hours completed during the development and preparation of a thesis but prior to its final completion will be assigned an "X" grade and will contribute to the "Hours Attempted" and "Hours Earned" sections of the student's transcript. The "X" grade will not, however, contribute to the graduate GPA.

Once the thesis is completed, the thesis committee chair will assign a Passing or Failing grade ("P" or "F"). While a grade of "P" will not contribute to the graduate GPA, an "F" grade will contribute to the overall graduate GPA and will prevent student from graduating.

**Timing of Thesis**

Any student who has completed all course work must complete his/her thesis within two academic years (two fall and

two spring semesters) beginning with enrollment in the first thesis course. The terminal MFA degree is the one standard exception to this thesis timing rule. Any other exception request to extend beyond two years must be made in writing to the graduate dean.

**Public Thesis Defense**

A graduate student who submits a thesis must publicly defend his/her thesis with a representative from the Graduate Council and a thesis defense committee present. The Thesis Defense Scheduling Form may be obtained on the JCGS website and should be completed and submitted by the Thesis Committee Chair. JCGS policy requires two weeks to schedule a Graduate Council Representative. Thesis defense deadlines are December 6th, 2013 for Fall 2013 and April 25th, 2014 for Spring 2014.

**Thesis Summary Document**

The student is required to prepare a Thesis Summary Document for faculty use in his/her thesis defense. The intent is to cause the thesis student to verbalize his/her rationale for key research decisions and thus to assist him/her in defending those rationales before his/her committee. The document must include:

1. Statement of the Problem or Issue (one paragraph)
2. Brief Summary of the Literature (one or two paragraphs)
3. Thesis Statement (one or two sentences)
4. Statement of the Research Methodology (one sentence)  
Examples of Qualitative Analysis, most applicable to studies of small groups, whole populations, or non-repetitive or non-repeatable phenomena include but are not limited to: Case study, participant observation, narrative, biography, focus group, textual and contextual, qualitative theory, philosophical and artistic.
- Examples of Quantitative Analysis, most applicable to studies of population samples and to repetitive or repeatable phenomena include but are not limited to: Scientific, survey, quantitative theory, statistical, and predictive.
5. Brief Summary of Findings (one paragraph)
6. Confirmation, Modification, or Denial of Thesis (one sentence)
7. Statement of the Significance of the Findings (one or two paragraphs)
8. Suggestions for Future Research (one or two sentences; optional)

A student presenting a thesis in partial fulfillment of the requirements for the Master of Fine Arts degree in Creative Writing or for the Master of Arts degree in English with a major in Creative Writing shall follow an alternative form in preparing his/her Thesis Summary Document, which must include the following elements:

1. Description of the Form or Genre of the Creative Project (one paragraph)
2. Brief Summary of Relevant Creative Work by Other Artists in the Genre of the Creative Project (one or two paragraphs)
3. Statement of the Objectives of the Creative Project (one

## Academic Regulations & Graduation Requirements

or two sentences)

4. Identification of Major Creative, Conceptual, or Technical Challenges Posed by the Creative Project (one or two paragraphs)
5. Description of Strategies Employed to Meet the Major Creative, Conceptual, or Technical Challenges Posed by the Creative Project (one or two paragraphs)
6. Statement of the Significance of the Creative Project and of Its Implications for the Field (one or two paragraphs)

### Thesis Format Requirements

A candidate completing his/her thesis for his/her master's degree must submit the original title page, signature page, abstract page and summary to the JCGS **no later than the last day of classes** in the same term they plan to graduate. These documents must be on file to graduate. For additional information, contact the Graduate Program Specialist at:

Syretha Leverett  
JCGS Graduate Program Specialist  
[sleverett2@uco.edu](mailto:sleverett2@uco.edu)  
405-974-2527

### Submission Requirements for Thesis

Following successful public defense of the thesis, students must submit the thesis in both paper and electronic formats. For additional information, visit Chambers Library website at <http://library.uco.edu/services/thesis.cfm> or call Special Collections at 405.974.2882.

#### 1. Paper Submission Process

- a. Each student completing a thesis for the master's degree program must submit two (2) copies of his/her thesis for binding to Archives & Special Collections in the Max Chambers Library.
- b. The primary responsibility for content, form and style of the thesis rests with the student and the student's thesis committee members. The student is responsible for the complete and accurate collation of the thesis before submitting it to the library for binding.
- c. Both copies of the thesis must be presented with an original signature page signed by all members of the thesis committee, on white 25%-100% cotton or rag paper and not bound or punched.
- d. After the thesis returns from the bindery, one copy will be placed in the Archives Thesis Collection for reference only, and the second copy will be forwarded to the academic department which supervised the work. A full text, electronic version of your thesis will be made available through the UCO Chambers Library online catalog.
- e. It takes approximately two months for the binding process to be completed. Students may pick-up their additional copies in the Archives & Special Collections Monday through Friday from 8:30am to 4:30pm.

#### Thesis Costs

\$15.30	Cost for binding two hard copies of thesis, paid by cash or check at Archives and Special Collection Department at the Library
\$55.00	Indexing and abstracting (made with credit card payment on the ProQuest website).
\$70.30	Total Required Costs
<b>Optional Thesis Costs</b>	
\$7.65	Cost per copy for additional student-requested copies of Thesis. Make Money Orders payable to Heckmans Bindery in the exact amount for each additional copy requested must accompany the copies when submitted for binding. No personal checks or cash will be accepted.
\$65.00	Costs to have thesis registered with US Copyright Office (Optional, made with credit card payment on the ProQuest website).
\$3.00	Mailing fee if you wish to have your copies mailed to you must be paid by check or cash, to Archives and Special Collections when the copies are submitted for binding

#### 2. Electronic Submission Processes

After a successful public defense of the thesis, students must submit one (1) electronic copy of the thesis to: <http://dissertations.umi.com/uco>. The electronic copy must be the same, content and pagination as the paper copy submitted for binding.

Instructions are available at:

<http://dissertations.umi.com/uco>. For questions regarding the electronic thesis submission process, please contact:

Nicole Willard  
Archivist  
Chambers Library  
[nwillard@uco.edu](mailto:nwillard@uco.edu)  
405-974-2885

*For additional information contact the Library's Archives & Special Collections at 405-974-2882 or go to our Website at: [www.uco.edu/graduate/current/thesisprep.asp](http://www.uco.edu/graduate/current/thesisprep.asp)*

# FINANCIAL AND STUDENT SERVICES INFORMATION



# *Financial Information*

## **Tuition and Fees for Graduate Courses**

Graduate courses at UCO are charged based on a combination of mandatory tuition and fees for all courses plus specific fees which vary by course and the college offering the course. (Graduate students who take undergraduate courses to meet prerequisites or for general preparation pay undergraduate tuition and fees for those courses. See the [undergraduate catalog](#) for details.) See the Registrar Website for the latest detailed information on tuition and fees at:

<http://www.uco.edu/em/registrar/tuitionandfees.asp>

## **Estimated Costs for International Students**

International graduate students on F-1 visa status should contact the Office of International Services to determine the current cost of attendance estimate including fees, tuition, books, housing, meals, and other living expenses. Visit Nigh University Center, Room 137; call 404-974-2390; e-mail [international@uco.edu](mailto:international@uco.edu); or go to <http://www.uco.edu/student-affairs/international/>.

## **Residence Status**

A uniform policy concerning resident status exists for all state-supported institutions of higher education in Oklahoma. Information and a petition to determine residency are available in the Office of Admissions and Records, first floor, Nigh University Center.

## **Financial Aid for Graduate Students**

There are numerous sources of financial aid for UCO graduate students including:

- Teaching Assistantships
- Research Assistantships
- On-Campus Employment including Federal Work-Study
- General Scholarships
- Program-Specific Scholarships
- Veterans and Senior Citizen Programs
- Research Grants

It is the student's personal responsibility to take the initiative to find out about financial aid and scholarships. The Office of Financial Aid (see contact information below) is the best source of information. In addition, the offices of the academic colleges and departments can often make helpful suggestions about scholarship opportunities and sources of financial aid specific to the programs they offer.

On the university web site, students will find a number of privately funded scholarships available to them associated with their specific academic degree. Applications can be downloaded by visiting the following college websites. These websites will carry the latest information and important deadlines.

*College of Business*, visit:

[busn.uco.edu/financial-assistance/scholarships](http://busn.uco.edu/financial-assistance/scholarships)

or contact Hillary Ashton, at [hashton@uco.edu](mailto:hashton@uco.edu) or 974-3776 or Shelley Selanders at 974-2809.

*College of Education & Professional Studies*, visit:

[uco.edu/ceps/scholarships/index.asp](http://uco.edu/ceps/scholarships/index.asp) or contact LeaAnn Chandler at [lchandler@uco.edu](mailto:lchandler@uco.edu) or 974-2763.

*College of Liberal Arts*, visit:

[uco.edu/la/studentlinks/index.asp](http://uco.edu/la/studentlinks/index.asp) or contact Liberal Arts at 974-5540.

*College of Fine Arts & Design*, visit:

[uco.edu/cfad/scholarships/index.asp](http://uco.edu/cfad/scholarships/index.asp), and click on the specific department web page or contact Deb Baucom at [dbaucom@uco.edu](mailto:dbaucom@uco.edu) or 974-3778.

*College of Mathematics & Science*, visit:

[uco.edu/cms/students/index.asp](http://uco.edu/cms/students/index.asp) or contact Mark McElreath at [mmcelreath@uco.edu](mailto:mmcelreath@uco.edu) or 974-3781.

*UCO Foundation*, visit:

[uco.edu/foundation/scholarships/index.asp](http://uco.edu/foundation/scholarships/index.asp) or contact Virginia Ellis at [vellis@uco.edu](mailto:vellis@uco.edu) or 974-2771.

The Jackson College of Graduate Studies maintains a list of contact information for scholarship opportunities on their Website at: <http://www.uco.edu/graduate/financial/index.asp>.

UCO awards over \$52 million in federal, state, and private aid to more than 9,600 students annually. The University participates in the Federal and State programs for graduate students, Federal Family Education Loan Program (FFEL) and the Federal Work-Study Program (FWS). For information deadlines and forms contact:

Office of Student Financial Aid  
 University of Central Oklahoma  
 Nigh University Center, Room 141  
 100 North University Drive  
 Edmond, OK 73034-5209  
 Phone: (405) 974-3334  
 FAX (405) 340-7658  
 Federal School Code: 003152  
 Web Address: [uco.edu/em/your-central-investment/financial-aid/index.asp](http://uco.edu/em/your-central-investment/financial-aid/index.asp)

## **Teaching and Research Assistantships**

Assistantships at UCO are intended to be awarded only to the best students. The requirements to be granted assistantship status are intentionally rigorous and, as a result, the awarding of an assistantship is not always automatic.

For information on Teaching Assistantships, contact the graduate advisor or deans' office over your program. Nearly all teaching assistantships are in the College of Liberal Arts. For information on Research Assistantships, contact the Office of Research and Grants, ADM 216, 974-2526 or visit their website at: [www.uco.edu/facres/](http://www.uco.edu/facres/)

## **Enrollment Changes and Financial Aid**

During the semester, a student may drop a course(s). If federal funds have already been issued to the student or credited to the student's account, the student may be liable for repayment of these funds. Federal aid recipients who completely

## **Financial & Student Services Information**

withdraw after school begins, but prior to completing at least 60% of the semester will have to repay some portion of the federal funds received.

### **Veterans Assistance Programs**

UCO maintains a full-time Veterans Affairs Office. It is located 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.

### **Senior Citizens Programs**

Residents of Oklahoma, 65 years of age or older, may request a fee waiver to audit up to six semester hours of academic work per semester contingent upon available classroom and laboratory space. Permission to audit must be obtained from the instructor. Students auditing a class are expected to have the same prerequisites completed as students enrolled for credit. After enrollment, senior citizens requesting a fee waiver should take their processed class schedule printout and proof of age to the Office of Student Financial Aid, Nigh University Center, Room 141.

### **Vocational Rehabilitation**

The 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 this office each term. Please contact this office directly about eligibility requirements.

### **Student Research, Creative and Scholarly Activities (RCSA) Grants**

Research is an inquiry or investigation that makes an original, intellectual, or creative contribution to the discipline. At UCO this definition includes significant faculty mentoring in research, creative, and scholarly activities (RCSA) that have the potential for peer-reviewed dissemination in the form of presentations, publications, creative projects, exhibitions, or performances.

Engaging students in RCSA is one of the academic goals of UCO. RCSA opportunities contribute to the production of well-rounded, better-educated students who will have a greater probability of becoming productive, creative, ethical, and engaged citizens in a post-graduate environment. While UCO encourages and supports RCSA at all levels across the UCO campus, it is especially encouraging and supportive when students are involved. Students of all disciplines can engage in the benefits and excitement of student-focused RCSA.

Some of the initiatives available to graduate students in research, creative and scholarly activities are the **Student RCSA Presentation Grant Program**, which supports up to \$500 of air travel expenses for the presentation of student research, creative and scholarly activities. In addition, students can submit proposals to the **Student RCSA Research Grant program**.

Students who are selected for the **Student RCSA Research Grant program** will receive an award of up to \$500 per semester to support research, creative, or scholarly activities.

Awards may be used to support travel to a library, museum, or field site to collect data, to purchase laboratory or project expendables, equipment, or support travel to a local, regional, or national professional conference to present the findings of the funded project.

Students are eligible to receive funding, under the following conditions:

- Have graduate standing in any field and be enrolled full-time (9 or more credit hours) at UCO for the duration of the award, with the exception of those graduate students who are enrolled in their final semester before graduation. They must enroll in at least 3 credit hours;
- Have a minimum of 3.0 GPA;
- If two students wish to collaborate on the same project, they would be required to split the award (payable at a maximum of \$250/student);
- Each student must have a faculty mentor who is a full-time, tenure-track, or tenured faculty member at UCO; and
- Each student is eligible for only a single award during a given semester, but is eligible to reapply for an award each semester as long as he/she meets all other conditions.

For more information on these programs and other research opportunities available to graduate students, contact the Office of Research and Grants at 974-2526. The office is located in the Administration Building, Room 216. You may also access the OR&G Website at: [www.uco.edu/facres/](http://www.uco.edu/facres/).

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# *Student Services Information*

The following services are available to UCO graduate students.

## **Academic Support Services**

### **Library Services**

The Max Chambers Library is dedicated to supporting UCO's graduate programs with books and other reference materials including archives and special collections. Many resources, including full-text journal articles, are available online. All graduate students should learn how to use the UCONNECT system to access library resources online. The library offers InterLibrary service to help students obtain materials not available at UCO. Max Chambers Library is physically accessible to students with mobility disabilities and has collections and technology to assist students who have disabilities that interfere with reading typical library materials.

For details about library services visit in person, call 404-



## **Financial & Student Services Information**

974-2878, or go to [library.uco.edu/](http://library.uco.edu/).

### **Student Testing Services**

The University of Central Oklahoma's Testing Center is a national test center for Educational Testing Services (ETS), The College Board, and the American College Testing Program (ACT). Testing Services administers national college entrance exams such as the ACT, SAT, GRE Subject Exam, and the PPST; visit those web sites for schedule and registration information. Testing Services also offers residual ACT and institutional TOEFL exams to prospective UCO students on a weekly basis (results of residual and institutional exams cannot be transferred to other institutions). Moreover, Testing Services offers two types of "challenge" examinations designed to evaluate learning for the purpose of awarding college credit: 1) Nationally Standardized tests CLEP, Dantes, Advanced Placement (AP); and 2) Departmental tests based specifically on UCO curriculum which may be objective, essay, and/or performance based. For more information, visit Thatcher 301; call (405) 974-2388; or visit:

[www.uco.edu/testing\\_services](http://www.uco.edu/testing_services).

### **Technology Assistance**

Call Technology Support: 974-2255; or go online to:

[www.uco.edu/technology/](http://www.uco.edu/technology/)

The Office of Information Technology (OIT) is responsible for all technology-related applications and systems which cross two or more departmental or functional areas. It offers students, faculty, and staff a wide range of technology services in support of their educational experience. OIT comprises Technology Resource Center, Support and Operations, Technology Applications, Enterprise Service Professionals, and Telecommunications departments.

OIT has negotiated reduced pricing for software and hardware available through the UCO Techstore. For more information visit [www.uco.edu/techstore](http://www.uco.edu/techstore).

General purpose microcomputer labs are located in the Chambers Library Microcomputer Lab Room 107 and the Cyber Café located on the second floor of the Nigh University Center. The microcomputer labs provide students with access to microcomputers utilizing campus standard software, including Internet browsers, UCONNECT, WebCt, Microsoft Office, Adobe and SPSS. UCO is a completely wireless campus. For connection settings visit:

[www.uco.edu/technology/wireless/index.asp](http://www.uco.edu/technology/wireless/index.asp)

### **The Language Company - Edmond**

As UCO continues to expand globally, The Language Company - Edmond, a privately-owned school located on campus, is reaching out to international students by providing English as a Second Language programs on nine levels of instruction in addition to special private courses. International students participate in twelve-week classes designed to give them English skills necessary to succeed and to exhibit requirements for admission into U.S. colleges and universities. For more information contact, (405) 341-2125. See the Admission to Graduate Studies section of this catalog for information on

English proficiency requirements.

### **Disability and Rehabilitative Support Services**

The Office of Disability Support Services (DSS) aims to assist students with qualifying disabilities achieve access to educational opportunities that are on par with those enjoyed by their peers without disabilities. Students with disabilities who require accommodations may contact the Disability Support Services Office where they will be given an opportunity to identify specific academic needs. Additionally, students will be asked to provide documentation regarding their disability and request for accommodation prior to receiving services. Reasonable accommodations are based on the individual need of the student. Services such as note takers, sign language interpreters, and alternative testing procedures are some examples of the kinds of accommodations that may be granted to qualifying students.

The Disability Support Services 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 Disability Support Services Office.

For further information on services provided, visit the Disability Support Services Office, Room 309, Nigh University Center, call (405) 974-2549 or visit us on the Web at:

[www.uco.edu/disability\\_support/](http://www.uco.edu/disability_support/)

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.

### **Residential Accommodations**

The University of Central Oklahoma offers unique living environments designed to meet the needs of UCO's diverse student body. For information go to:

[www.uco.edu/residence\\_life/](http://www.uco.edu/residence_life/). To reach them via e-mail use the following address: [housing@uco.edu](mailto:housing@uco.edu)

### **Student Conduct**

The mission of the Student Conduct Office is to enlighten the campus citizenry regarding conduct regulations and responsibilities, and enforce the social guidelines necessary to maintain a comfortable atmosphere of living and learning in the University community. The Student Conduct Office determines responsibility in referred cases and decides how to develop and/or restore character, community, and civility to those students who have made mistakes, as well as others who may have been impacted. The Student Conduct Office may develop and restore students and the affected community through a variety of appropriate developmental sanctions and/or programming. The Student Conduct Office communicates expected standards of behavior through the publication of the Code of Student Conduct.

The Student Conduct Office also serves as a channel of communication between instructors and those students unable to attend class because of an emergency, which may include

**Financial & Student Services Information**

death of a family member, extreme illness/hospitalization, jury duty, military leave, or victimization by a natural disaster. Authentic documentation is required.

For more information about the services and publications of the Student Conduct Office, contact the Director of Student Conduct in Lillard Administration 213, (405) 974-2361, or visit [www.uco.edu/ssvp/conduct/](http://www.uco.edu/ssvp/conduct/).

**Student Support Offices**

**Alumni Services**

The UCO Alumni Relations Office serves as the voice and link for all graduates and former students to the university. Its goal is to maintain a close relationship with alumni through specialized events and communication pieces. The office also helps alumni (graduates and former students) reconnect with former classmates and faculty. The UCO Alumni Relations Office also works in tandem with the non-profit UCO Alumni Association. Membership is open to any graduate, former student or friend of the university. For more information call, (405)974-2421, visit the Alumni Website at [www.uco.edu/alumni](http://www.uco.edu/alumni) or stop by the Alumni House on 320 East Hurd.

**Student Affairs Services**

Student Affairs Services provides a challenging and supportive community for students by fostering their understanding of self, appreciation of diversity, and commitment to service. These goals are achieved by providing progressive and inclusive programs and services that enhance student learning and well being.

The departments within Student Affairs Services offer support for personal enrichment and development of leadership skills. All departments aim to assist students in achieving their personal and academic goals.

The departments reporting to the Vice President for Student Affairs include:

The departments within Student Affairs Services offer support for personal enrichment and development of leadership skills. All departments aim to assist students in achieving their personal and academic goals.

The departments reporting to the Vice President for Student Affairs include:

- Office of Undergraduate Admissions
- Campus Card Services
- First Year Experience Programs
- Student Success
- Student Support Services
- Undergraduate Academic Advisement
- Enrollment Services/Registrar
- Office of Veteran Support
- NCAA Eligibility
- Call Center
- Articulation
- Graduation Services
- Student Financial Services
  - Bursar/Cashier
  - Financial Aid
- Career Services

- Disability Support Services
- Office of Global Affairs
- Office of Diversity and Inclusion
- New Student Orientation
  - Stampede Week and Freshman Forge
- Plunkett Field and Stage
- Y-Chapel
- Student Conduct Office
- Student Counseling Center
- Wellness Center
- Mercy Clinic at UCO
- Student Life
  - Campus Activities and Events
  - Greek Life
  - Student Organizations
  - Volunteer and Service Learning Center
  - Testing Services

**Career Support Services**

UCO Career Services assists students with academic/course planning and career development. The staff and services are available to help students choose plans of study (i.e. majors), to find internships, and to ultimately find full-time employment upon graduation.

The UCO Career Services counseling staff meets with students Mondays-Fridays through scheduled appointments and during specific non-appointment hours on certain days, which are considered walk-in counseling sessions. To learn current walk-in counseling hours, please call or visit online.

Four assessments help students understand themselves better and assist them in choosing majors or careers to pursue, the most popular being eDISCOVER (which is free to students).

There is also a seminar series each semester to discuss topics such as resume writing, interviewing skills, job and internship searching, and handling a first post-college salary.

The Career Resource Lab within Career Services also offers hundreds of degree and career resources, from Major Connections to employer literature to sample resumes to books and videos to internet access for specialized career software.

Those seeking internship or full-time employment opportunities will find the online program especially helpful. It is a resume database, from which resumes are electronically referred upon employers' requests. It also serves as the interview scheduling program when recruiters come to campus.

UCO Career Services also hosts the Fall Career & Internship Fair, Summer Camp Job Fair, Spring Career & Internship Fair and Teacher Job Fair. See [www.careers.uco.edu](http://www.careers.uco.edu) for the latest information, visit Nigh University Center, Room 338 (above the Express Food Court), or call (405) 974-3346 for more information.

**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

## Financial & Student Services Information

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.

### International Services

The Office of Global Affairs, Nigh University Center, Room 137, is the international student's home away from home, and the first place an international student should go when arriving on campus. The Global Affairs Office is responsible for all international recruitment and admission procedures, both graduate and undergraduate. The office has Immigration and Customs Enforcement (ICE) advisors and activity coordinators who provide an array of both on-campus and off-campus activities. Admissions counselors are also available. Information on scholarship opportunities specifically designed for international students is also available.

Additionally, the offices of the NCN (National Collegiate Network) advisors are located in the International Student Services Office. These advisors assist students from Japan who were admitted through this program.

For more information on the International Student Services Office, call (405) 974-2390, or visit the Website at: [www.uco.edu/ioffice/](http://www.uco.edu/ioffice/).

### Academic Support

Tutoring Central located on the Northeast corner of West Hall houses the UCO English and Writing Lab and provides some math and science tutoring for lower level courses. The TC also provides students with scheduling for and/or information about free tutoring services and academic support programs on campus. In addition, Tutoring Central sponsors Conversation Groups designed to help UCO International students improve conversation skills with activities to engage and promote understanding and practice of the English language. For more information on Tutoring Central call (405) 974-2487, or visit the website <http://tc.uco.edu>.

### Multicultural Programs

The Office of Multicultural Student Services is here to help students succeed and accomplish all of their goals at the University of Central Oklahoma. The office offers several services and programs for minority students. The Multicultural Student Services Office is located in Nigh University Center, Room 211. The phone number is (405) 974-5946.

The program design includes peer counseling, student skills workshops, and cultural awareness programs. The office serves as a resource for the rest of the campus on issues surrounding minority students. Student staff members help their peers adjust socially and academically to university life, learn basic college survival skills, and explore the myriad opportunities the university community has to offer.

### Parking

Student cars parked on campus must display parking permits. Current license plate numbers are required to purchase parking permits. Students may purchase permits annually from the Transportation and Parking Services Office, located in the

Nigh University Center, Room 309.

### Postal Service

Postal services are available including post office box rental. The Broncho Stamp N Post is located in the Nigh University Center on the first floor. There are three mail deposit centers on campus. One is located in the Nigh University Center, one in the lobby of the University Suites, and one in the lobby of Central Plaza.

### Public Safety and Security

The mission of the University of Central Oklahoma's Department of Public Safety (DPS) is to provide a safe and secure environment to further educational activities within the confines of the campus, its buildings, facilities and service areas. To accomplish this mission, DPS delivers a variety of services through its Police Operations Division, Environmental Health and Safety Division, Access Control (Key Control) Division and Transportation & Parking Services Division.

Police patrol services are provided by commissioned, armed and state-certified police officers. DPS police officers are responsible for building security, response to emergencies, investigation of crimes that occur on campus, crime prevention activities and a myriad of other activities that help support the educational mission of UCO. DPS also employs students through the Student Public Safety Officer program to perform general safety and security services. These include building security, Safe-Walk escorts and motorist assistance.

The UCO DPS building is located immediately northwest of Old North, next to University Drive. They operate twenty-four hours a day, seven days a week year round. For non-emergency matters, call (405)974-2345. Emergencies may be reported via 9-1-1 from any campus telephone.

The Environmental Health and Safety Division manages a number of programs and training initiatives including fire alarm system management and fire safety programs, asbestos abatement, mold remediation, occupational safety programming, chemical disposal programs and a number of other programs engineered to ensure that UCO remains a safe environment for everyone. They can be reached at (405) 974-2216 or (405) 974-3000. Students should report any environmental health or safety concerns to this office.

### Transportation and Parking Services

The Transportation and Parking Services unit manages the maintenance and care of university parking facilities, permit sales, violation enforcement and special event management. They can be reached at (405) 974-2780.

The Access Control Division can be reached at (405) 974-2944. This unit maintains all entry door and locking/exit hardware as well as lock core changes and key issuance for all faculty and staff.

For more information about the Department of Public Safety or campus security and safety initiatives, please visit the DPS Website at: [uco.edu/administration/safety-transportation/transportation-parking-services/index.asp](http://uco.edu/administration/safety-transportation/transportation-parking-services/index.asp)

### Risk Management

UCO is insured through the Office of State Risk Manage-



**Financial & Student Services Information**

ment. The Risk and Insurance Management Program Coordinator in UCO's Office of Legal Counsel, coordinates all insurance activities for the University.

Students desiring insurance coverage for their properties must provide their own. UCO is not responsible for stolen or lost property on the University campus. UCO is not liable for personal injuries sustained by students in classes or laboratory settings unless the State Risk Management, working with the State Attorney General Office, determines that the cause of the incident leading to the injury is due to negligence on the part of UCO. A student motor vehicle must have full insurance coverage, as the university does not indemnify against losses to vehicles operated or parked on university property.

**Student Counseling Center**

The University of Central Oklahoma's Student Counseling Center is a place where students can learn to deal more effectively with personal concerns or situations, such as coping with friendships, divorce or a break-up, anxiety, depression, academic difficulties, career change, and adjustment to college life. Services are available to currently enrolled students of UCO only. The Student Counseling Center is located in Nigh University Center, Room 402, and is open between the hours of 8 a.m. to 5 p.m., Monday through Friday, excluding university holidays. Call (405) 974-2215 or visit online at: [www.uco.edu/scc](http://www.uco.edu/scc) for more information.

**The Alcohol and Drug Abuse Prevention Office**

Our goal in the Alcohol and Drug Abuse Prevention Office is to develop prevention strategies to help students decrease the likelihood of alcohol or drug abuse. We provide on-line and comprehensive self-assessments, treatment recommendations, structured support groups and short-term individual therapy services. Visit us at [www.uco.edu/adap](http://www.uco.edu/adap) or call 405 974-2215.

**The Violence Prevention Project**

The Violence Prevention Project (VPP) provides awareness education and intervention services with issues related to sexual assault or rape, domestic or dating violence, or stalking. Our office is located in the Nigh University Center, Room 406. For more details, call 405-974-2224 or check our UCO website, [www.uco.edu/vpp](http://www.uco.edu/vpp).

**University Health Services**

University Health Services serves as a convenient and affordable source of health care for UCO faculty, staff, and enrolled students. Available services include immunizations and TB testing, women's health care, routine physicals, care of minor injuries and sudden illness, pharmaceuticals, nutritional counseling, allergy injections, health education and counseling, psychiatric services, and laboratory testing.

University Health Services is open according to the University calendar, Monday through Friday, 8:00 am to 5:00 pm. To schedule an appointment with the medical doctor or the nurse practitioners, please call (405) 974-2317. The UCO Student Health Center accepts most health insurance plans, as well

as other forms of payment.

Patients can also be seen without an appointment. Walk-in patients are accommodated on a first-come, first-served basis.

University Health Services is in the Wellness Center, Room 105 on the northwest corner of campus on University Drive. For more information about University Health Services, please visit [mercyok.net/mhn/uco/default.asp](http://mercyok.net/mhn/uco/default.asp).

**Health Insurance**

Information on hospitalization and accident insurance is available in the brochure rack near the Center for Undergraduate Academic Advisement, Nigh University Center, Room 121. Information is also available through the Student Health Center, Wellness Center Room 105, (405) 973-2317, or [student-health-insurance-plan.com/?source=msn](http://student-health-insurance-plan.com/?source=msn). International students should contact the Office of International Services, Nigh University Center Room 137, (405) 974-2390.

**Immunizations**

Beginning Fall semester, 2004, Oklahoma state law required that all new students who attend Oklahoma colleges and universities for the first time provide proof of immunization for certain diseases. Contact University Health Services for more information, either by phone at (405) 974-3135 or on the Web at [www.ucowellnesscenter.com](http://www.ucowellnesscenter.com).

**Transcripts (Official) Free of Charge**

Transcripts reflecting degrees earned will be available approximately three weeks after the last day of the semester in which the student graduated.

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  
 Fax: (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 the Nigh University Center for students to print their own official transcripts.

# COLLEGE OF BUSINESS

## ACADEMIC DEGREE PROGRAMS



## College of Business

Business Building, Room 100

Telephone: (405) 974-2426

Fax: (405) 974-3821

Email: [mba@uco.edu](mailto:mba@uco.edu)

Website: [www.busn.uco.edu/mba/](http://www.busn.uco.edu/mba/)

Dr. Mickey Hepner, Dean

Dr. K. J. Tullis, Associate Dean

Dr. Lisa Miller, Assistant Dean

Curriculum Management

Dr. Suzanne Clinton, DBA, SPHR, Assistant Dean

Recruitment and Retention

### Department Chairs

Dr. Katherene Terrell, Accounting

Dr. Richard Alltizer, Assistant Chair

Dr. Jeremy Oller, Economics and International Business

Dr. Susanne Currier, Assistant Chair

Dr. Randal Ice, Finance & Legal Studies

Dr. Steve Black, Assistant Chair

Dr. Michelle Hepner, Information Systems and Operations Management

Dr. David Hartmann, Assistant Chair

Dr. Ethan Waples, Management

Dr. Lee Tyner, Assistant Chair

Dr. Stacia Wert-Gray, Business Communications & Marketing

Dr. Donna Carlon, Assistant Chair

The names of graduate program advisors appear on the program degree sheets on the following pages.

At the graduate level, the College of Business awards the Master of Business Administration (MBA) with majors in General Business Administration and Accounting.

The College of Business and its programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

<b>Program:</b>	<b>Business Administration</b>	<b>Dept:</b>	<b>Business</b>
<b>Major:</b>	<b>Business Administration</b>	<b>College:</b>	<b>Business</b>
<b>Degree:</b>	<b>Master of Business Administration (M.B.A.)</b>	<b>Major Code:</b>	<b>2600</b>

### Business Administration, M.B.A.

The mission of the MBA Program at the University of Central Oklahoma is to provide a unique learning experience that will give each graduate the managerial and leadership skills to be productive, creative, ethical, and engaged, excelling in everyday decision-making in varied business environments.

The Master of Business Administration (MBA) degree at the University of Central Oklahoma (UCO) is designed for students who desire broad preparation for managerial and executive positions in business, industry, government, and education. Courses in the innovative, integrated curriculum focus on the knowledge and expertise that today's managers need to solve everyday problems.

The MBA is intended to provide students with a 21<sup>st</sup> Century MBA education using integrated learning strategies for teaching integrated organizational functions. The UCO MBA student will learn to combine the theoretical and practical knowledge necessary to develop the leadership and management skills required in today's business world.

The College of Business is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) as well as by the Higher Learning Commission.

#### Director MBA Enrollment

**Susie Braun**  
 Email: [sbraun1@uco.edu](mailto:sbraun1@uco.edu)  
 Office: BUS 101  
 Phone: (405) 974 - 2422

#### Coordinator/Advisor:

**Brandy True**  
 Email: [brtrue@uco.edu](mailto:brtrue@uco.edu)  
 Office: BUS 101  
 Phone: (405) 974 - 5329

### Admission Policy and Procedure

The University of Central Oklahoma and the College of Business are committed to a qualified and diverse student population and encourage applications from individuals who hold bachelors' degrees in any field from accredited colleges or universities. Admission decisions are recommended to the Jackson College of Graduate Studies by the MBA Admissions Committee upon review of the complete application.

Applicants are evaluated based on academic ability, as evidenced by a strong undergraduate record and performance on the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE) and on maturity, motivation, leadership, communication skills, and interest in professional management. These admission standards ensure that applicants admitted to the Jackson College of Graduate Studies are well qualified to study at the University of Central Oklahoma and have a reasonable expectation of successfully completing the program.

### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

#### Admission Requirements (All Applicants)

Also see below for additional requirements based on type of admission.

- Online application for admission ([www.uco.edu/graduate/admissions.html](http://www.uco.edu/graduate/admissions.html)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from appropriately accredited institutions.
- Current resume.
- Two completed recommendation forms or letters of recommendation from former instructors, employers, or other professionals who can evaluate the applicant's potential to complete graduate study.

- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.13\)](#).

Upon notification of acceptance from the Jackson College of Graduate Studies, a student must schedule an appointment with the Director of MBA Enrollment to complete the admission process.

### Other Requirements

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than two retakes (including audits and withdrawals) per course.
- Note: All graduate grades, whether repeated or not, will apply to the graduate GPA calculations. No grade of "D" or lower will apply to the degree requirements.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

### Minimum Requirements for Mixed Undergraduate and Graduate Enrollment

The MBA Admissions Committee may admit to graduate classes UCO seniors who show evidence of having the following:

- Capability of graduating with a bachelor's degree at the end of the semester of mixed enrollment, and
- Overall undergraduate GPA of 3.0 or higher, and
- GMAT score of at least 450, OR a 980 combined verbal and quantitative score for GRE exams taken before August 1, 2011, OR a 295 combined verbal and quantitative score for tests taken on or after August 1, 2011, and
- GMAT verbal or GRE verbal component score at or above the 20<sup>th</sup> percentile.

During the mixed enrollment, a student may enroll in no more than 16 hours. The student may enroll in only one semester of mixed enrollment (maximum of ten graduate hours) until the undergraduate degree is posted on the student's transcript.

*continued...*

**Program:** Business Administration  
**Major:** Business Administration continued

**Requirements for Regular Admission**

As long as there is available capacity, the MBA Office will admit applicants who show evidence of having the following:

- Bachelor's or advanced degree from an appropriately accredited institution, and
- GMAT score of at least 450, OR a 980 combined verbal and quantitative score for GRE exams taken before August 1, 2011, OR a 295 combined verbal and quantitative score for tests taken on or after August 1, 2011, and
- GMAT verbal or GRE verbal component score at or above the 20<sup>th</sup> percentile, and
- Last 60 hours GPA of at least 3.25 or an overall UG GPA of at least 3.00

**Minimum Requirements for Alternative Admission Consideration**

The MBA Admissions Committee may admit applicants who show evidence of meeting all requirements in one of these two categories:

**Category A**

- Bachelor's or advanced degree from an appropriately accredited institution, and
- GMAT & GPA Index score of 1000 or higher [(Overall UG GPA x 200) + GMAT], OR GRE (post 8/1/2011) & GPA Index score of 888 or higher [(Overall UG GPA x 200) + GRE (post 8/1/2011)], OR GRE (pre 8/1/2011) & GPA Index score of 1444 or higher [(Overall UG GPA x 200) + GRE (pre 8/1/2011)], and
- GMAT verbal or GRE verbal component score at or above the 20<sup>th</sup> percentile, and
- Undergraduate GPA of at least 2.50.

**Category B**

- Bachelor's or advanced degree from an appropriately accredited institution, and
- 5 years of exempt-level work experience since UG degree completion date, and
- GMAT score of at least 500, OR a 1050 combined verbal and quantitative score for GRE exams taken before August 1, 2011, OR a 300 combined verbal and quantitative score for tests taken on or after August 1, 2011, and
- GMAT verbal or GRE verbal component score at or above the 20<sup>th</sup> percentile, and
- Overall UG GPA of at least 2.25.

**Minimum Requirements for Provisional Admission Consideration**

The MBA Admissions Committee may admit applicants who show evidence of having the following:

- Bachelor's or advanced degree from an appropriately accredited institution, and
- Last 60 hours GPA of at least 3.25 or an overall UG GPA of at least 3.00, and
- No GMAT score or a GMAT score of less than 450, OR a 980 combined verbal and quantitative score for GRE exams taken before August 1, 2011, OR a 295 combined verbal and quantitative score for tests taken on or after August 1, 2011, and
- TOEFL score of 500 or Higher (Requirement applies only to Non-Native English Speaking Students).

Students granted Provisional Admission must within one year of their notification date score at least 450 on the GMAT OR a 295 combined verbal and quantitative score for GRE exams, with a verbal component score at or above the 20<sup>th</sup> percentile, and complete either nine or more hours in graduate non-MBA courses or 12 or more hours in undergraduate business or related courses with a cumulative average of 3.0 or higher GPA for these courses, as approved by the MBA Office. Non-Native English Speaking Students with TOEFL scores of 500-549 must also achieve graduate level English proficiency. Coursework taken as a provisional student does not count towards MBA degree requirements.

**Graduation Requirements**

**Required Courses.....32 Hours**

**Foundation Course..... (5 Hours)**

In order to advance in the MBA program, students must take this course in residence at UCO and earn a minimum grade of 3.0 (B).

Course Prefix	Course No.	Course Title
BADM	5005	Leading in a Globally-Competitive Environment

**Core Courses ..... (25 Hours)**

Students must take these courses in residence at UCO.

Course Prefix	Course No.	Course Title
BADM	5115	Human Capital Management
BADM	5215	Quantitative Modeling
BADM	5125	Accounting & Finance
BADM	5205	Managing Business Processes with Information Technology
BADM	5135	Prices, Profits, and the Market Economy

**Capstone Course ..... (5 Hours)**

Students must take this course in residence at UCO during their final semester of MBA enrollment. Prior to enrollment in this course, students must have earned a cumulative Graduate average of 3.0 or higher GPA.

Course Prefix	Course No.	Course Title
BADM	5305	Strategic Integration

**TOTAL HOURS REQUIRED ..... 35 HOURS**

# COLLEGE OF EDUCATION & PROFESSIONAL STUDIES

ACADEMIC DEGREE PROGRAMS





# College of Education & Professional Studies

Education Building, Room 207

Telephone: (405) 974 - 5105

Fax: (405) 974 - 3857

Directory: <http://www.uco.edu/ceps/directory/index.asp>

Website: <http://www.uco.edu/ceps/>

Dr. James Machell, Dean

Dr. Donna Cobb, Associate Dean

Dr. Bryan Duke, Assistant Dean

Dr. Kathy Brown, Assistant Dean

## Department Chairs

Dr. Pat Coutts, Donna Nigh Dept. Advanced Professional & Special Services

Dr. Paulette Shreck, Curriculum and Instruction

Dr. Kaye Sears, Human Environmental Sciences

Dr. Debra Traywick, Kinesiology & Health Studies

Dr. Candy Sebert, Adult Education and Safety Services

Dr. Diane Jackson, Educational Sciences, Foundations, & Research

Dr. Mark Hamlin, Psychology

The names of graduate program advisors appear on the program degree sheets on the following pages

At the graduate level, the College of Education and Professional Studies awards the following degrees:

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

- Adult and Higher Education
  - Adult and Higher Education
  - Interdisciplinary Studies
  - Student Personnel
  - Training
- Bilingual Education - Teaching English as a Second Language
- Early Childhood Education
- Educational Leadership
- Library Media Instruction
- Reading
- School Counseling
- Secondary Education
- Special Education
  - Mild/Moderate
  - Sever/Profound

### Master of Science (M.S.)

- Athletic Training
- Family and Child Studies
  - Infant/Child Specialist
  - Licensed Marriage and Family Therapist
  - Family life Education
- Nutrition and Food Management
- Speech-Language Pathology
- Wellness Management
  - Exercise Science
  - Health Studies

### Master of Arts (M.A.)

- Psychology
  - Counseling
  - Experimental
  - Forensic Psychology
  - General
  - School Psychology

The College of Education and Professional Studies and its education programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE). The Speech-Language Pathology program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association. School Psychology is accredited by the National Association of School Psychology (NASP).

**Program:** Adult & Higher Education **Dept:** Adult Education & Safety Science  
**Major:** Adult & Higher Education **College:** Education and Professional Services  
**Degree:** Master of Education (M.Ed.) **Major Code:** 3683

**Adult and Higher Education, M.Ed.**

This major provides students with preparation to work in teaching positions in higher education institutions, such as community colleges and four-year colleges.

Anticipated interest groups for Adult and Higher Education are persons wanting to teach as their major responsibilities and who have approximately 18 credit hours in the subject area and/or licensure they want to teach (e.g, business, sociology, foreign language, etc.)

This program is also geared to act as a spring board into similar doctoral programs at terminal degree granting institutions.

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Frank Nelson**  
 Email: [fnelson@uco.edu](mailto:fnelson@uco.edu)  
 Office: HES 200B  
 Phone: (405) 974 - 5804

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 overall GPA or 2.75 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - Passing all core courses with at least a “B”, and having no more than 6 credit hours of “C”.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Complete writing assessment with passing score during first semester.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses.....13 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
ADED	5031	Orientation to Adult Education
ADED	5133	Phil. Foundations of Adult Education
ADED	5313	Techniques of Teaching Adults
ADED	5893*	Capstone in Adult Education

\*Permission Required

**Required Courses for Major .....12 Hours**

Course Prefix	Course No.	Course Title
ADED	5233	Curriculum Design in Education
ADED	5353	Org. & Admin. in Adult & Higher Educ.
ADED	5423	Educational Evaluation
ADED	5823	The Adult Learner

**Guided Electives.....9 Hours**

(With program coordinator approval)

Course Prefix	Course No.	Course Title
ADED	5073	Management of Adult Education Programs
ADED	5242	Active Learning Techniques
ADED	5253	Student Development: Theory & Practice
ADED	5332	Motivational Concepts in Adult Learning
ADED	5342	Consulting Skills in Training & Development
ADED	5373	Legal Issues in Employment
ADED	5453	Psychology of Adult Development
ADED	5463	Proposal & Grant Writing
ADED	5522	Creative Supervision Skills
ADED	5531	Needs Analysis
ADED	5552	Facilitation Techniques
ADED	5623	Innovative Technology in Adult Education
ADED	5883	Transform. Learning for the Adult Learner

**TOTAL HOURS REQUIRED ..... 34 HOURS**



**Program:** Adult & Higher Education **Dept:** Adult Education and Safety Science  
**Major:** Interdisciplinary Studies **College:** Education and Professional Services  
**Degree:** Master of Education (M.Ed.) **Major Code:** 3684

**Adult and Higher Education - Interdisciplinary Studies, M.Ed.**

This major provides the student with preparation to work in a variety of disciplines that allow a non-specific master's degree and desire an area of specialization. This major allows students to develop expertise in a subject area (e.g., Safety, English, history, etc.).

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Karen Barnes**  
 Email: [kbarnes@uco.edu](mailto:kbarnes@uco.edu)  
 Office: HES 200E  
 Phone: (405) 974 - 5334

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 overall GPA or 2.75 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - Passing all core courses with at least a "B", and having no more than 6 credit hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Complete writing assessment with passing score during first semester.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses.....13 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
ADED	5031	Orientation to Adult Education
ADED	5133	Phil. Foundations of Adult Education
ADED	5313	Techniques of Teaching Adults
ADED	5893*	Capstone in Adult Education

*\*Permission Required*

**Required Courses - Interdisciplinary Studies.....3 Hours**

Course Prefix	Course No.	Course Title
ADED	5233	Curriculum Design in Education

**Controlled Electives .....18 Hours**  
 (With program coordinator approval)

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** Adult & Higher Education      **Dept:** Adult Education and Safety Science  
**Major:** Student Personnel      **College:** Education and Professional Services  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3685

**Adult and Higher Education - Student Personnel, M.Ed.**

This major provides the student with preparation to work in non-teaching positions in higher education institutions, such as community colleges, four-year colleges, and state agencies.

Examples of interest groups for Adult and Higher Education - Student Personnel include persons desiring careers such as the following:

- Director of housing
- Director of campus activities
- Employees involved in distance education, global/multicultural initiatives, and commuter services
- Directors of facilities management
- Employees in academic affairs
- Administrators in student affairs such as student conduct and student organizations

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Ed Cunliff**  
 Email: [ecunliff@uco.edu](mailto:ecunliff@uco.edu)  
 Office: CTL 221  
 Phone: (405) 974 - 2972

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 overall GPA or 2.75 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - Passing all core courses with at least a "B", and having no more than 6 credit hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Complete writing assessment with passing score during first semester.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses.....13 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
ADED	5031	Orientation to Adult Education
ADED	5133	Phil. Foundations of Adult Education
ADED	5313	Techniques of Teaching Adults
ADED	5893*	Capstone in Adult Education

*\*Permission Required*

**Required Courses - Student Personnel.....18 Hours**

Course Prefix	Course No.	Course Title
ADED	5153	Student Personnel Services
ADED	5233	Curriculum Design in Education
ADED	5253	Student Development: Theory & Practice
ADED	5353	Org. & Admin. of Higher Education
ADED	5483	Contemporary Issues in Student Personnel Services
ADED	5823	The Adult Learner

**Controlled Electives .....3 Hours**

(With program coordinator approval)

Course Prefix	Course No.	Course Title
ADED	5373	Legal Issues in Employment
ADED	5423	Educational Evaluation
ADED	5643	Proposal & Grant Writing

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** Adult & Higher Education      **Dept:** Adult Education and Safety Science  
**Major:** Training      **College:** Education and Professional Services  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3682

**Adult and Higher Education – Training, M.Ed.**

This major provides the student with preparation to work in industry training, and government service oriented environments. These may include public school adult programs, adult basic education, career technology education, corporate training, and non-profit community services programs. The program is also geared to act as a springboard into similar doctoral programs at terminal degree granting institutions.

Anticipated interest groups for Adult Education – Training:

- Adult education teachers and counselors
- Business and industry trainers
- Administrators of adult education and training programs in technology centers, business, industry, churches, municipalities, military services, etc.
- Educational consultants
- Students planning doctoral work in adult education
- External trainers and consultants
- Career and technology students

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Frank Nelson**  
 Email: [fnelson@uco.edu](mailto:fnelson@uco.edu)  
 Office: HES 200B  
 Phone: (405) 974 - 5804

**Admission Requirements**

Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 overall GPA or 2.75 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - Passing all core courses with at least a “B”, and having no more than 6 credit hours of “C”.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Complete writing assessment with passing score during first semester.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses.....13 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
ADED	5031	Orientation to Adult Education
ADED	5133	Phil. Foundations of Adult Education
ADED	5313	Techniques of Teaching Adults
ADED	5893*	Capstone in Adult Education

*\*Permission Required*

**Required Courses - Training.....14 Hours**

Course Prefix	Course No.	Course Title
ADED	5233	Curriculum Design in Education
ADED	5242	Active Learning Techniques
ADED	5423	Educational Evaluation
ADED	5522	Creative Supervision Skills
ADED	5531	Needs Analysis
ADED	5823	The Adult Learner

**Controlled Electives .....7 Hours**

Course Prefix	Course No.	Course Title
ADED	5073	Management of Adult Education Programs
ADED	5332	Motivational Concepts in Adult Learners
ADED	5342	Consulting Skills in T & D
ADED	5373	Legal Issues in Employment
ADED	5432	Human Relations in T & D
ADED	5453	Psychology of Adult Development
ADED	5522	Creative Supervision Skills in T & D
ADED	5552	Facilitation Techniques
ADED	5623	Innovative Technology in ADED
ADED	5643	Proposal & Grant Writing
ADED	5883	Transform. Learn. for the Adult Learner
PTE	5413	Educational Statistics
SFTY	5013	Alcohol and Drug Education

**TOTAL HOURS REQUIRED ..... 34 HOURS**

<b>Program:</b>	<b>Athletic Training</b>	<b>Dept:</b>	<b>Kinesiology and Health Studies</b>
<b>Major:</b>	<b>Athletic Training</b>	<b>College:</b>	<b>Education and Professional Studies</b>
<b>Degree:</b>	<b>Master of Science (M.S.)</b>	<b>Major Code:</b>	<b>3750</b>

### Athletic Training, M.S.

The Master of Science in Athletic Training degree is a 45-hour, entry-level athletic training degree which provides graduate students with the knowledge, skills and clinical education necessary to meet the Board of Certification Inc. (BOC), certification exam. The program is designed for students who have completed an undergraduate degree but are seeking entry into the athletic training profession through a graduate education program which meets Commission on Accreditation of Athletic Training Education (CAATE) standards. This program is not intended for students who already have an undergraduate athletic training degree from a CAATE accredited institution or are currently eligible for the BOC Certification Examination.

According to the National Athletic Trainers' Association, [www.nata.org](http://www.nata.org), "Athletic trainers are health care professionals who collaborate with physicians to optimize physical activity and participation of patients and clients." Athletic training encompasses the prevention, diagnosis, and intervention of emergency, acute, and/or chronic medical conditions which may lead to impairment, functional limitations, and disabilities. To become a certified athletic trainer, a student must graduate with a bachelor's or master's degree from an accredited professional athletic training education program and pass a certification examination. More than 70 percent of certified athletic trainers hold at least a master's degree. Certified Athletic Trainers must meet ongoing continuing education requirements established by the Board of Certification, Inc., [www.bocalc.org](http://www.bocalc.org). Although not yet a universal requirement, more and more athletic organizations and insurance companies are requiring the presence of Certified Athletic Trainers due to concerns about participant safety and organizational liability.

An athletic trainer is not the same as a personal trainer, who is not usually considered a health care professional and whose vocation is exercise management. A personal trainer may or may not be certified.

The mission of the Graduate Athletic Training Education Program (GATEP) is to provide transformative educational opportunities for students to achieve intellectual, professional, personal and creative growth within a nationally accredited curriculum in the field of athletic training to service the health care needs of Oklahoma.

The goals of the Graduate Athletic Training Education Program are:

1. To provide students the opportunity to complete an accredited program of study that will provide them with the knowledge and clinical skills to become Certified Athletic Trainers.
2. To provide students the opportunity to learn, develop and apply critical thinking, decision-making skills necessary to become an allied-health care provider.
3. To provide students the opportunity to learn, develop and demonstrate ethical leadership and professional behaviors as they relate to health care in a global society.

Detailed information about the program can be found on the Graduate Athletic Training Education Program Web page, <http://uco.edu/ceps/dept/khs/athletic-training/index.asp> or in the application materials under Documents > Application Packet on the same page. Contact the program director regarding information and requirements. All applications are incomplete until official transcripts are received by the Jackson College of Graduate Studies that indicate the completion of an undergraduate degree.

#### Graduate Admissions:

**Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

#### Coordinator/Advisor:

**Mr. Jeff McKibbin**  
 Email: [jmckibbin@uco.edu](mailto:jmckibbin@uco.edu)  
 Office: WAH 15  
 Phone: (405) 974 - 2959

#### Admission Requirements

Admission to the Graduate Athletic Training Education Program is competitive. (See: <http://uco.edu/ceps/dept/khs/athletic-training/index.asp>). Applicants will not be admitted to the Jackson College of Graduate Studies until they have been accepted to the Graduate Athletic Training Education Program. International students must first meet the university's international admission requirements before applying for program admission. These students should first talk with an advisor in the International Services Office.

Applicants may obtain application forms and instructions from the program's web page at <http://uco.edu/ceps/dept/khs/athletic-training/index.asp> or the program director. Students wishing to transfer into the program from other graduate programs must be aware of the program's transfer policies.

#### Application deadlines:

- December 15 for early summer admissions
- March 1 for regular summer admissions.

Submit the following directly to the Program Director in one envelope to:

Graduate Athletic Training Education Program  
 Box 189 100 N. University Dr.  
 Edmond, OK 73034  
 (Fax: 405.974.3805)

- A Graduate Athletic Training Education Program application by advertised date.
- A Jackson College of Graduate Studies (JCGS) online application for admission. ([www.uco.edu/graduate/admissions.html](http://www.uco.edu/graduate/admissions.html))
- Official copies of undergraduate and graduate transcripts in sealed envelopes from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Transcripts must show:
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
  - Completion of at least 19 hours from the following: HLTH 3493, BIO 2504, BIO 2604, PHED 3503, PHED 3333, and HLTH 3412. Applicants must have completed these courses within the last 10 years and must have earned a grade of "C" or better for course.
  - A candidate with a deficient prerequisite course may still gain provisional admission, if otherwise qualified. See Admission to Graduate Studies section.
- A completed application reviewed by the selection committee and meeting competitive admission requirements.

*continued...*

**Program:****Athletic Training****Major:****Athletic Training continued**

- Two letters of recommendation: One letter each from: professor/instructor and one from an athletic trainer, physician or allied-health provider, (<http://ceps.uco.edu/dept/khs/programs/athletic-training/index.asp>.)
- A Statement of Goals regarding your athletic training future or philosophy
- A signed Technical Standards document verifying that the student can meet or exceed the minimum mental, physical, emotional, communicative and intellectual abilities necessary for athletic training.
- A completed GATEP Physical Form, which requires a signed report from a physical examination by a licensed medical physician (or designee) and a signed release form.
- Immunization records with HBV information.
- Professional Rescuer CPR and First Aid certification or equivalent (submit copies of both sides of cards).

Once all application materials are received and reviewed by the program, the program director will notify the candidates and invite the successful ones to interviews. Selected applicants must then complete an on-campus or phone interview with the selection committee. (<http://uco.edu/ceps/dept/khs/athletic-training/index.asp>).

Only after being accepted and admitted to Graduate Athletic Training Education Program will the Jackson College of Graduate Studies consider the student for admission as a graduate student. This step completes the admission process.

**Immediate Post-Admission Requirements**

Once accepted to both the program and the Jackson College of Graduate Studies, students must participate in the July semester academic program and complete clinical requirements of the GATEP between the first summer and fall semester. Pre-professional level requirement completion is mandatory for participation in the professional level clinical program. Students will be required to participate in the July semester academic program as well as completing a clinical orientation between the second summer session and fall semester. Students that have been accepted, admitted and enrolled in the July semester but fails to complete the pre-professional requirements because of some unforeseeable circumstance, will be placed on probation for one semester or until the requirements are met. (See Probation Procedure) There are costs involved to complete these requirements as well as the need for transportation to and from clinical sites

**Requirements:**

1. Pass KINS 5313 and KINS 5623 with a "B" or better.
  - Bloodborne Pathogen Training completed in KINS 5623
2. Complete all psychomotor skill proficiencies. If all proficiencies are not completed, a grade of "I" – Incomplete will be given and the students will not be allowed to enroll in the professional level courses.
3. Reviewed with program director the program's policy and procedure manual, academic advisement and graduation requirements.
4. Pay \$150.00 annual clinical program fee
  - Uniform and program badge
  - Personal clinical equipment

5. Submit application for Apprentice Athletic Trainer License with the Oklahoma State Board of Medical License and Supervision, \$25.00-\$35.00.
  - [www.okmedicalboard.org](http://www.okmedicalboard.org)
  - Criminal background check, \$15.00 - 35.00.
6. Purchase Student Liability Insurance through the University's Bursar Office - \$15.00 - 25.00 and provide receipt to the program director.
7. TB Test - \$20.00.
8. Drug testing that may be required for certain clinical sites, approximately \$40.00.

It is the student's responsibility to provide transportation to off-campus clinical sites, doctor offices, hospitals, outreach, observations and educational seminars related to the clinical education. Access to transportation is required to complete the clinical courses. Transportation costs are estimated at approximately \$150.00 per semester.

The above requirements *must* be met during the July semester. Each student will then be required to complete approximately two weeks of Clinical Orientation during fall preseason sports as a program requirement. This clinical field experience is tied to KINS 5413, Clinical Education – Assessment of Athletic Injuries. A grade will be given upon completion. Transportation and travel costs will be the responsibility of the student. The following must be completed. See clinical coordinator for details.

- a. Clinical Site Orientation
- b. Clinical Observation - two weeks in early August – fall pre-season sports
  - A minimum of 4 hours per day, 5 days per week, approximately 20 hours per week
  - Hours, days and weeks will vary depending on the preseason schedule of the high schools and college. See clinical coordinator for schedule details.
- c. Clinical rotations to the high school and college athletic training facilities
- d. Foundational Behaviors of Professional Practice evaluation.

**Retention/Progression Requirements**

1. Must be in "Good Standing" with the GATEP, Graduate College and University.
2. Must meet all GATEP clinical requirements.
3. Must maintain a cumulative GPA of 3.0 in athletic training major courses.
4. Must earn a "B" or better in major courses.
5. Must take required courses in sequence to ensure "Learning Over Time."
6. Must be enrolled in 9 semester hours during fall and spring semesters.
7. Must demonstrate ability to continue to meet Technical Standards.

*continued...*



**Program:****Athletic Training****Major:****Athletic Training continued****Graduation Requirements****Required Courses.....45 Hours****Taken in the Following Sequence**

Course Prefix	Course No.	Course Title	Hrs
First Summer Term			
KINS	5313	Athletic Training Principles	3
KINS	5623	Pathophysiology for Ath Tr	3
First Fall Semester			
KINS	5233	Assess. of Health & Exer Sciences	3
KINS	5343	Assess. of Athletic Injuries	3
KINS	5413	Athletic Training Clinical I	3
First Spring Semester			
KINS	5433	Therapeutic Modalities	3
KINS	5443	Athletic Training Clinical II	3
KINS	5513	Medical Aspects of Ath Training	3
Second Summer Term			
KINS	5713	Athletic Training Administration	3
KINS	5723	Psychosocial Aspects of Ath Tr	3
Second Fall Semester			
KINS	5523	Rehab. Tech. for Athletic Injuries	3
KINS	5613	Clinical Education Rehab. Tech.	3
KINS	5733	Athletic Training Clinical III	3
Second Spring Semester			
KINS	5393	Research in Kinesiology & Health	3
KINS	5743	Athletic Training Clinical IV	3

**Clinical Program Requirements**

The Graduate Athletic Training Education Program's philosophy is that each student must be continually and actively involved in every aspect of the clinical program in order to learn, apply and appreciate the art and science of athletic training.

The standards are rigorous. Students must attend all clinical field experience and rotations assignments in order to observe and demonstrate the NATA Education Council Foundational Behaviors of Professional Practice, including the application of psychomotor and clinical proficiency skills, when interacting with patients, coaches, parents and medical personnel. Supervisors record clinical participation information as part of the student's progression/retention and graduation requirement documentation.

**Clinical Standards: Students must meet the following standards.**

- a. Attendance at all clinical field experience and rotations assignments. Attendance will be measured by hours, days, weeks and semesters completed as well as clinical site rotations, sports and events participation. Clinical participation information will be recorded on the program's forms which will be used for retention/progression and graduation requirement documentation.

- b. Adherence to the GATEP and each clinical site's dress code, behavior and facility protocols. Failure to do so may result in removal from the clinical site. Travel costs and transportation are the responsibility of the student and will be needed to complete clinical requirements.

Note. It is imperative that the student understands that only directly supervised clinical experiences by an ACI/CI will count towards the clinical education requirements. The student must be in both visual and auditory contact with the ACI/CI during all clinical courses/labs and field experiences. At no time should it be the responsibility of the student to cover teams or facilities, if unsupervised. *(Complete clinical program requirements can be found at <http://uco.edu/ceps/dept/khs/athletic-training/index.asp>)*

Note: The amounts of all fees are subject to change. In preparation for graduation, students must obtain correct fee amounts from their graduate program advisor.

**Graduation Requirements**

1. Meet all University and Graduate College requirements.
2. Complete all Graduate Athletic Training Education Program academic requirements.
3. Earn a "B" or better in each Graduate Athletic Training Education Program major course.
4. Overall GPA of 3.00 or higher with no more than 6 hours of "C" and no more than six advisor-approved hours from traditional correspondence courses.
5. Meet all clinical program requirements of Graduate Athletic Training Education Program.

**Other Requirements**

1. Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of Graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
2. Final Requirements. Apply for graduation through the JCGS by advertised deadline.



**Program:** Bilingual Education      **Dept:** Curriculum & Instruction  
**Major:** Bilingual Education/Teaching English as a Second Language      **College:** Education and Professional Studies  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3760

**Bilingual Education/TESL, M.Ed.**

The Masters of Education degree in Bilingual Education/Teaching English as a Second Language (TESL) major 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. Graduates of the UCO bilingual Education/TESL Program are expected to become leaders who can apply their knowledge, skills, and dispositions in the classroom setting, professional settings, and the community. The focus of the program coursework includes foundations of research, second language acquisition theory, cultural influences, historical and philosophical foundations of educational practices related to language minorities, current instructional and assessment practices across the curriculum, and grounding in English language structure and usage. Graduate students not holding Oklahoma teaching certification, but otherwise eligible for admission, will be required to complete alternative prerequisites.

Nationally accredited by the Teachers of English for Speakers of Other Languages (TESOL) and aligned with the TESOL P-12 Standards for Teacher Preparation, the UCO Bilingual Education/TESL Program objectives are designed to develop the following areas of competency:

1. Understanding of language as a system, including phonology, morphology, syntax, pragmatics, and semantics in support of ELLs language and literacy development.
2. Understanding and application of theory and research in language acquisition and development, and the application to academic proficiency for ELLs.
3. Knowledge, understanding, and use of major concepts, principles, theories and research related to the nature and role of culture as it affects English language learning.
4. Planning for effective, standards-based ESL and content instruction.
5. Implementing and managing effective, standards-based ESL and content instruction.
6. Using resources and technology effectively in ESL and content instruction.
7. Understanding of issues of assessment for English language learners.
8. Understanding of issues and practices in language proficiency assessment.
9. Understanding and application of effective and appropriate classroom-based assessment for ESL.
10. Understanding and application of ESL research and history
11. Understanding of the importance of engagement and commitment to continuous professional development, building of collegial partnerships, and advocacy for the benefit of ELLs and their community.

**Graduate Admissions:**

**Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**

**Dr. April Haulman**  
 Email: [ahaulman@uco.edu](mailto:ahaulman@uco.edu)  
 Office: LIB 124  
 Phone: (405) 974 - 5139

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Program portfolio.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions.
- Undergraduate transcripts must show a minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted. \*
- A current teaching certificate or completion of six undergraduate hours in Education and six undergraduate hours in English at or above the 3000 level.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Graduation Requirements**

**Required Courses..... 11 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
TESL	5123	Foundations of Bilingual/Multicultural Ed
TESL	5313	Testing & Evaluation on Bilingual/TESL
TESL	5522	Integrating Tech. for Engl. Lang. Learners

*continued...*

**Program:**

**Bilingual Education**

**Major:**

**Bilingual Education/Teaching English as a Second Language continued**

**Guided Electives.....21 Hours**

<b>Course Prefix</b>	<b>Course No.</b>	<b>Course Title</b>
TESL	5143	Teaching Read. to English Lang. Learners
TESL	5163	ESL in Content Areas
TESL	5212	Cultural Linguistic Diversity in the Schools
TESL	5133	Methods and Materials for Bilingual Instruction, <b>or</b>
TESL	5783	Teaching English as a Second Language
TESL	5413	Language Structure for ESL Teachers
TESL	5763	Second Language Acquisition
ENG	5413	Teaching ESL Grammar, <b>or</b>
TESL	5883	Teachers as Researchers
TESL	5900	Practicum - 2 credit hours (taken in the last 6 hours of program)
TESL	5960	Multicultural Institute (1 credit hour)

**Capstone .....2 Hours**

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** Early Childhood Education **Dept:** Curriculum and Instruction  
**Major:** Early Childhood Education **College:** Education and Professional Studies  
**Degree:** Master of Education (M.Ed.) **Major Code:** 3630

**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 both within and outside of public schools.

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 include: assessment issues and techniques, sociocultural aspects related to diverse backgrounds, principles of play in child development, and principles of guidance, professionalism and advocacy.

Note: A master's degree in Early Childhood Education does not fulfill the requirements for initial certification/licensure by the Oklahoma State Department of Education. Additional coursework will be included in the master's degree plan of study for those who desire to obtain certification through UCO's teacher preparation program or those who do not have a background in Early Childhood Education.

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Kelly Baker**  
 Email: [kbaker12@uco.edu](mailto:kbaker12@uco.edu)  
 Office: LIB 145  
 Phone: (405) 974-5135

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 overall GPA or 2.75 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - No more than 6 hours of "C".
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....30 Hours**

Course Prefix	Course No.	Course Title
ECED	5042	Empowering Family, Communities & Schools
ECED	5063	Dev., Lrng, Fam. Involvement: Birth - 3
ECED	5103	Dev., Lrng, Fam Involvement: 4-8
ECED	5153	Dev. Assessment Issues in Early Childhood
ECED	5223	Ed. Practices of Constructivist Teachers
ECED	5232	Affirming Diversity: Multicultural Education
ECED	5433	Theoretical Perspect. of Lrng & Practice
ECED	5512	Prof and Advocacy in Early Childhood
ECED	5883	Teachers as Researchers
ECED	5900	Practicum - 3 credit hours
PTE	5013	Foundations of Educational Research

**Approved Electives .....4 Hours**

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** Educational Leadership      **Dept:** Adv. Professional & Special Services  
**Major:** Educational Leadership      **College:** Education and Professional Services  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3601

**Educational Leadership, M.Ed.**

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

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

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Paul Haxton**  
 Email: [phaxton@uco.edu](mailto:phaxton@uco.edu)  
 Office: LIB 126  
 Phone: (405) 974-3964

Students seeking **Oklahoma Administrative Certification** must also submit the following to their graduate program advisor.

- A letter from a school administrator verifying at least two years of teaching experience from an accredited Oklahoma School or another accrediting state education agency.
- A current teaching certificate.

**Admission Requirements**

Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 overall GPA or 2.75 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Complete an admission folder (before completion of nine graduate hours).
- Complete an interview (before completion of 9 graduate hours)
- Plan of Study. Each student must file a plan of study with his/her graduate advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - Passing all core courses with at least a “B”, and having no more than 6 credit hours of “C”.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....34 Hours**

Course Prefix	Course No.	Course Title
EADM	5353	Technology for School Administration
EADM	5453	Interpersonal Relations/School Admin.
EADM	5543	Fundamentals of Public School Admin.
EADM	5553	Legal Aspects of School Administration
EADM	5583	Public School Finance
EADM	5623	Supervision and Evaluation of Instruction
EADM	5673	School Personnel Administration
EADM	5683	Curriculum Leadership
EADM	5814	Principal/Internship
PTE	5013	Foundations of Educational Research
PTE	5153	Adv. Dev. Psych. In an Education. Setting

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** Elementary Education      **Dept:** Curriculum and Instruction  
**Major:** Elementary Education      **College:** Education and Professional Services  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3640

**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.

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Keith Higa**  
 Email: [khgja@uco.edu](mailto:khgja@uco.edu)  
 Office: LIB 138  
 Phone: (405) 974 - 5721

- Certification Examination. Completion of all requirements for taking the Elementary Education certification examination.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 overall GPA or 2.75 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Copy of a current teaching certificate, if applicable.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

NOTE: This program admits students with or without an undergraduate Elementary Education degree and with or without a current teaching certificate. The requirements for these groups differ. See #3 under "Other Requirements" below.

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".

**Graduation Requirements**

**Required Courses.....24 Hours**

Course Prefix	Course No.	Course Title
ECED	5223	Educ. Practices of Constructivist Teachers
ELED	5223	Literature Based Language Arts Instruction
ELED	5253	Inquiry Science for Elementary Teachers
ELED	5733	Teaching for Mathematics Understanding
ELED	5753	Social Studies in a Global Environment
ELED	5883	Teachers as Researchers
ELED	5901	Practicum
PTE	5013	Foundations of Educational Research
TESL	5212	Cultural/Linguistic Diversity in Schools

**Guided Electives.....12 Hours**

In Curriculum Enhancement or Elementary Education

**TOTAL HOURS REQUIRED ..... 36 HOURS**

**Elementary Education Certification**

Students who hold a current teaching certification in Elementary Education will select enough curriculum enhancement elective courses from the list below to give them a total of at least 36 hours in this program.

- Seminars, workshops or institutes in elementary education
- Content support courses in liberal arts, mathematics, or the sciences
- Courses approved by a graduate program advisor

Students who do not hold a current teaching certificate do not take courses from the above areas and instead complete 12 hours in 5000-level courses as a preparation for taking the Elementary Education certification examination.

Additional coursework will be included in the master's degree plan of study for those who desire to obtain certification through UCO's teacher preparation pathway or for those who do not have a background in Elementary Education.



**Program:** Family and Child Studies **Dept:** Human Environmental Science  
**Major:** Family and Child Studies / Infant/Child Specialist **College:** Education and Professional Services  
**Degree:** Master of Science (M.S.) **Major Code:** 3654

**Family and Child Studies / Infant/Child Specialist, M.S.**

Infant Mental Health Endorsement

The M.S. in Family and Child Studies / Infant/Child Specialist prepares students for the certification examination in Family Life Education from the National Council on Family Relations. The Certified Child and Parenting Specialist credential is also available to those graduates who successfully complete the required examination and internships.

The UCO Child Study Center provides the practical opportunities for these programs with hands-on experience and research. Internship and Practicum requirements are a part of all three programs, as well as a required number of prerequisites.

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Kaye Sears**  
 Email: [ksears@uco.edu](mailto:ksears@uco.edu)  
 Office: HES 100E  
 Phone: (405) 974 - 5786

- Thesis. If applicable, complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' title page, original signature page, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:\*
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Completion of the following prerequisite courses: FMCD 2213, FMCD 3723, FMCD 3813, FMCD 4874, and three undergraduate hours in statistics

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses

**Graduation Requirements**

**Required Courses.....21 Hours**

Course Prefix	Course No.	Course Title
FMCD	5023	Theories in Family & Child Studies
FMCD	5043	Family Dynamics and Sexuality
FMCD	5363	Ethics & Issues in Family and Child Studies
FMCD	5373	Life Span Development in FMCD
FMCD	5423	Linking Family and Community
FMCD	5543	Leadership, Comm and Advocacy
PTE	5013	Foundations of Educational Research

**Guided Electives..... 15-16 Hours**

Course Prefix	Course No.	Course Title
FMCD	5102	Case Management
FMCD	5342	Infant Mental Health
FMCD	5712	Parent Education, <b>OR</b>
ECED	5063	Dev., Learn, Fam Involv Birth Thru 3
SOC	5463	The Abused
SPED	5102	Language Dev. in Special Education
SPED	5432	Attention Deficit Hyper Disorder
SPED	5572	Autism and TBI

**Internship or Thesis ..... 6-7 Hours**

Course Prefix	Course No.	Course Title
PTE	5413	Educational Statistics (only if writing Thesis)
FMCD	5990	Thesis (4-credit hours), <b>OR</b>
FMCD	5950	Internship (400 hours) 6 credit hours - 2 semesters, (must have a 3.0 GPA in major course work to apply for internship)

**TOTAL HOURS REQUIRED ..... 42-44 HOURS**

**Program:** Family and Child Studies  
**Major:** Family & Child Studies / Licensed Marriage & Family Therapist  
**Degree:** Master of Science (M.S.)

**Dept:** Human Environmental Science  
**College:** Education and Professional Services  
**Major Code:** 3652

**Family and Child Studies / LMFT, M.S.**

The M.S. in Family and Child Studies / Licensed Marriage & Family Therapist prepares students to apply for the Oklahoma Licensed Marriage and Family Therapist certification examination.

The UCO Child Study Center provides the practical opportunities for these programs with hands-on experience and research. Internship and Practicum requirements are a part of all three programs, as well as a required number of prerequisites.

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105  
**Coordinator/Advisor:** **Dr. Kaye Sears**  
 Email: [ksears@uco.edu](mailto:ksears@uco.edu)  
 Office: HES 100E  
 Phone: (405) 974 - 5786

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Admission to the LMFT program begins with the submitting of an application packet of materials that are available in the HES office and submitted by the required deadline of **January 15th for Fall semester only**.
- GRE scores showing a minimum score of 300 (verbal and quantitative sections) and 3.5 on the writing portion.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:\*
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Completion of the following prerequisite courses: FMCD 2213 or PTE 3133, FMCD 2223, FMCD 4413, FMCD 3313, and three undergraduate hours in statistics.
  - Complete all prerequisites by the end of the first year of graduate study. They are deficiencies and will not be counted toward the graduate degree requirement.
- Three (3) letters of recommendation (individually sealed in separate envelopes inside a large envelope with recommender's signature on back flap).
- Current Resume
- Applicants may also be asked to complete an interview and writing-sample session. These are given once each semester.
- Complete and submit application materials required by the FCS Department. Contact the program coordinator.

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....18 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
FMCD	5023	Theories in Family & Child Studies
FMCD	5043	Family Dynamics and Sexuality
FMCD	5363	Ethics & Issues in Family & Child Studies, <b>OR</b>
PSY	5263	Legal/Ethical Aspects of Counseling
FMCD	5373	Life Span Development in FMCD
FMCD	5543	Leadership, Comm and Advocacy

**Guided Electives.....24 Hours**

Course Prefix	Course No.	Course Title
FMCD	5333	Models of MFT
PSY	5033	Cultural and Gender Diversity
PSY	5233	Psychopathology
PSY	5473	Individual Counseling
PSY	5483	Theories & Tech. of Group Counseling
PSY	5523	Child & Adolescent Counseling
PSY	5533	Couples and Family Counseling
PSY	5683	Advanced Counseling
SAS	5273	SAS and the Family, <b>OR</b>
SAS	5303	SAS in Special Populations

**Internship and Practicum.....6 Hours**

Course Prefix	Course No.	Course Title
PSY	5900	Practicum (300 hours) - 3 credit hours
FMCD	5950	Internship (1 semester, 200 hours) - 3 credit hrs

**TOTAL HOURS REQUIRED ..... 48 HOURS**

**Program:** Family and Child Studies      **Dept:** Human Environmental Science  
**Major:** Family and Child Studies / Family Life Education      **College:** Education and Professional Services  
**Degree:** Master of Science (M.S.)      **Major Code:** 3653

**Family and Child Studies / Family Life Education, M.S.**

The M.S. in Family and Child Studies / Family Life Educator prepares students to apply for the certified in Family Life Educator credential from the National Council on Family Relations. The Certified Child and Parenting Specialist credential is also available to those graduates who successfully complete the required examination and internships.

The UCO these Child Study Center provides the practical opportunities for programs with hands-on experience and research. Internship and Practicum requirements are a part of all three programs, as well as a required number of prerequisites.

The FCS - Family Life Educator Program has national academic program approval from the National Council on Family Relations.

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105  
**Coordinator/Advisor:**      **Dr. Kaye Sears**  
 Email: [ksears@uco.edu](mailto:ksears@uco.edu)  
 Office: HES 100E  
 Phone: (405) 974 - 5786

- Thesis: If applicable complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Admission Requirements**

Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Completion of the following prerequisite courses: FMCD 2213 or PTE 4133, FMCD 2223, FMCD 4413, and FMCD 3313
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).  
*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

**Graduation Requirements**

**Required Courses.....18 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
FMCD	5023	Theories in Family & Child Studies
FMCD	5043	Family Dynamics and Sexuality
FMCD	5363	Ethics & Issues in Family & Child Studies, <b>OR</b>
FMCD	5373	Life Span Development in FMCD
FMCD	5543	Leadership, Comm and Advocacy

**Required Family Life Education Courses.....17 Hours**

Course Prefix	Course No.	Course Title
FMCD	5423	Linking Family and Community
FMCD	5523	Family Law and Public Policy
FMCD	5712	Parent Education
ECED	5433	Theoretical Perspectives Learning/Readiness
SAS	5xx3	Selected Substance Abuse course
FACS	5453	Consumer Management

**Internship or Thesis ..... 6-7 Hours**

Course Prefix	Course No.	Course Title
PTE	5413	Educational Statistics
FMCD	5990	Thesis (4 credit hours), <b>OR</b>
FMCD	5950	Internship (400 hours) (6 credit hours)

**TOTAL HOURS REQUIRED .....41-42 HOURS**

**Program:** Library Media Education **Dept:** Advanced Professional & Special Services  
**Major:** Library Media Education **College:** Education and Professional Studies  
**Degree:** Master of Education (M.Ed.) **Major Code:** 3623

**Library Media Education, M.Ed.**

The Master of Education in Library Media Education meets the requirements set forth by the Oklahoma State Department of Education for standard certification as a School Library Media Specialist for grades PK-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 school librarianship.

The major serves a twofold purpose: it enables students to earn an M.Ed. in Library Media Education that includes all the components for Oklahoma School Library Media Specialist Certification; and students already holding an M.Ed. must complete 24 hours of specialized course work for Library Media Specialist certification.

Completion of these degree requirements alone will not satisfy certification requirements for the Standard Library Specialist Certificate. For additional certification information see: Media Specialist Certification Preparation section of this catalog.

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Jill Rooker**  
 Email: [jrooker@uco.edu](mailto:jrooker@uco.edu)  
 Office: LIB 129  
 Phone: (405) 974 - 5885

- Entry Interview. Complete initial entry interview with the program coordinator.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....36 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
IME	5013	Young Adult Library Resources
IME	5053	School Library Administration
IME	5063	School Library Foundations
IME	5223	Collaborative Instructional Processes
IME	5233	Children's Library Resources
IME	5333	Advanced Literature Resources
IME	5423	Library Information Retrieval Systems
IME	5453	Collection Management
IME	5533	School Library Advocacy
IME	5863	School Library Technology
IME	5883	Capstone in Library Media

**TOTAL HOURS REQUIRED ..... 36 HOURS**

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 3.00 overall GPA or 3.00 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Copy of current teaching certificate. (If this is not immediately available, it must be provided prior to completion of the program).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - Overall GPA of 3.00 or higher in all Library Media Education classes.
  - No more than six (6) hours of "C".



<b>Program:</b>	Nutrition and Food Management	<b>Dept:</b>	Human Environmental Science
<b>Major:</b>	Nutrition and Food Management	<b>College:</b>	Education and Professional Studies
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	3660

### Nutrition and Food Management, M.S.

The Nutrition and Food Management program provides knowledge and skills in human nutrition, principles of food 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 our 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, education, administration, nutritional care, and health promotion.

Applicants must have either an undergraduate degree in the discipline or sufficient course work in the field to provide the background required or may complete additional undergraduate or graduate prerequisites.

<b>Graduate Admissions:</b>	<b>Carlie Wellington</b>
Email:	<a href="mailto:cwellington@uco.edu">cwellington@uco.edu</a>
Office:	Box 106, EDU 207
Phone:	(405) 974 - 5105
<b>Coordinator/Advisor:</b>	<b>Dr. Tawni Holmes</b>
Email:	<a href="mailto:tholmes2@uco.edu">tholmes2@uco.edu</a>
Office:	HES 201D
Phone:	(405) 974 - 5781
<b>Dietetic Intern Advisor:</b>	<b>Ms. Tiffany Schurtz</b>
Email:	<a href="mailto:tshurtz@uco.edu">tshurtz@uco.edu</a>
Office:	Box 118, HES 100B
Phone:	(405) 974 - 5369

### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted and,
  - An undergraduate nutrition degree in a Didactic Program in Dietetics (DPD) accredited by Accreditation Council on Education in Nutrition and Dietetics (ACEND) with C's or better in all major courses, or
  - Complete the following prerequisites or equivalent with a C or better (must be completed prior to admission.)

ACCT	2113	Accounting I
BIO	2604 & 2604L	Human Physiology and Lab
BIO	2314 & 2314L	Intro to Microbiology and Lab
CHEM	1101 & 1112	General Chemistry I and Lab
CHEM	1223 & 1232	General Chemistry II and Lab
CHEM	3303	Organic Chemistry for Life Sciences
CHEM	3404	Biochemistry I
CHEM	4103	Biochemistry II
MATH	1513	College Algebra
MGMT	3103	Principles of Management
MRKT	3013	Principles of Marketing

NTRN	1513	Introduction to Nutrition
NTRN	1613 & 1613L	Princ. of Food Prep. and Lab
NTRN	2213	World Foods and Culture
NTRN	2411	Overview of Dietetics
NTRN	2423	Introduction to Clinical Nutrition
NTRN	3131	Food Safety and Sanitation
NTRN	3723	Nutrition Education
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 and Lab
NTRN	4394	Advanced Nutrition
NTRN	4674 & 4674L	Quantity Foods and Lab
NTRN	4704	Institutional Food Management
PSY	1103	General Psychology
STAT	3103	Statistical Methods I

- Evidence of satisfactory completion of the Graduate Record Examination (GRE) with a minimum total score of 300 on the verbal and quantitative portions and no score below 150 on either part. A minimum score of 4.0 is also required on the analytical (essay) portion.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

### Other Requirements

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

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**Program:** Nutrition and Food Management  
**Major:** Nutrition and Food Management continued

### Graduation Requirements

#### Required Courses.....32 Hours

Course Prefix	Course No.	Course Title
GERO	5443	Biology of Human Aging
NURS	5103	Pathophysiology for Non-Majors
NTRN	5212	Management of Nutritional Services
NTRN	5412	Pediatric & Prenatal Nutrition
NTRN	5422	Sports Nutrition for the Professional
NTRN	5633	Food Service Financial Mgmt
NTRN	5641	Public Policy in Nutrition
NTRN	5892	Advanced Clinical Nutrition
NTRN	5990	Thesis (1-4 credit hours) (optional)
PTE	5013	Foundations of Educational Research
PTE	5413	Educational Statistics, or
PTE	5383	Principles of Tests and Measurements
Additional electives to total 32 hours		

**TOTAL HOURS REQUIRED ..... 32 HOURS**

### Nutrition & Food Mgmt., Dietetic Internship

The Dietetic Internship prepares students to take the registration examination of the Academy of Nutrition and Dietetics.

### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted for admission to the graduate program.
  - An undergraduate nutrition degree in a Didactic Program in Dietetics (DPD) accredited by the Accreditation Council on Education in Nutrition and Dietetics (ACEND) with a GPA of 3.00 in the last 60 hours of course work and no D's or F's in required courses.
- Evidence of satisfactory completion of the Graduate Record Examination with a minimum total score of 300 on the verbal and quantitative portions and no score below 150 on either part. A minimum score of 4.0 is also required on the analytical (essay) portion.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

Applicants will be ranked on a point system for acceptance due to internship size limitations. The University of Central Oklahoma participates in the computer-matching process sponsored by the Academy of Nutrition and Dietetics. Application to the Dietetic Internship is required separate from and in addition to admission to the graduate college.

For information regarding application to the Dietetic Internship see requirements at: [www.uco.edu/ceps/dept/hes/nutrition-ms](http://www.uco.edu/ceps/dept/hes/nutrition-ms). Graduate courses for those accepted into the Dietetic Internship will be as follows.

### Graduation Requirements

#### Required Courses.....32 Hours

Course Prefix	Course No.	Course Title
GERO	5443	Biology of Human Aging
NURS	5103	Pathophysiology for Non-Majors
NTRN	5212	Management of Nutritional Services
NTRN	5322	Nutrition Assessment
NTRN	5412	Pediatric & Prenatal Nutrition
NTRN	5422	Sports Nutrition for the Professional
NTRN	5523	Counseling in Dietetics
NTRN	5633	Food Service Financial Mgmt
NTRN	5641	Public Policy in Nutrition
NTRN	5892	Advanced Clinical Nutrition
NTRN	5950	Internship (6-7 hours possible)
PTE	5013	Foundations of Educational Research
Additional electives to total 32 hours		

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	Psychology	<b>Dept:</b>	Psychology
<b>Major:</b>	Psychology - Counseling	<b>College:</b>	Education and Professional Studies
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	3710

### Psychology - Counseling, M.A.

Counseling Psychology 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 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 at [www.ok.gov/health/Protective\\_Health/Professional\\_Counselor\\_Licensing\\_Division](http://www.ok.gov/health/Protective_Health/Professional_Counselor_Licensing_Division)

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 relationship that facilitate the counseling process;
- Develop and demonstrate effectiveness evidence-based treatments in working with diverse models, theories, and techniques that contribute to positive outcomes in counseling including;
- Demonstrate a science-based understanding of the development, diagnosis and treatment of psychopathology.
- Develop and demonstrate skills in conducting effective assessment and treatment of children, couples, families, and groups while being sensitive to the special needs and considerations of these client populations.
- 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 with individuals who are culturally diverse.

The Counseling major 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, psychological assessment, legal and ethical aspects of counseling, psychopathology, and other counseling-related courses.

#### Graduate Admissions:

**Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

#### Coordinator/Advisor:

**Dr. Lorry Youll**  
 Email: [lyoull@uco.edu](mailto:lyoull@uco.edu)  
 Office: EDU 307G  
 Phone: (405) 974 - 5676

- A GRE score of at least 290 on the combined verbal reasoning and quantitative sections (900 combined on the previous scale) and a minimum of 3.5 on the writing section. Please consult [www.ets.org/gre/general/scores](http://www.ets.org/gre/general/scores) for recent changes to the GRE test and scoring procedure.
- A completed Counseling Psychology application which is available online at <http://www.uco.edu/ceps/forms/psychology-masters-in-counseling-application-test.php>

#### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Admission to the Graduate Psychology - Counseling Program is for **Fall semester only**. Application **Deadline is January 15**. Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 3.00 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Completion of 21 undergraduate hours as follows: PSY 1103, PSY 2753, PSY 3713, PSY 3833, PSY 3903, PSY 4753, and PSY 4763
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

Note: Please note that the Counseling Application has additional required materials. Also, note that admission to the JCGS does not guarantee admission to the Counseling Program. These are two separate application processes: 1) one to the JCGS, and 2) one to the Counseling Psychology program.

#### Other Requirements

- Plan of Study: Before the first enrollment/semester in the program, each student must meet with the Program Coordinator to complete a Plan of Study (POS). The POS must be signed and dated by both the student and the Program Coordinator and then submitted to the Administrative Assistant in the Department of Psychology. Each student must then file it immediately with the Jackson College of Graduate Studies. The POS must be signed and dated by the student and the graduate program advisor before it can be considered official. [www.uco.edu/ceps/dept/psy/psychology-ma.asp#counseling](http://www.uco.edu/ceps/dept/psy/psychology-ma.asp#counseling)
- Advisor Meeting: Meet with graduate program advisor in group or individual advisement session before enrolling second semester.

*continued...*

**Program:** Psychology  
**Major:** Psychology - Counseling continued

- **Practicum.** Training in the Counseling program culminates in a two consecutive semester practicum. During practicum, students provide supervised services to a diverse clientele in faculty-approved settings. Pre-practicum meetings are held prior to each semester’s practicum placement to provide information to students about the applications that will be submitted to the Counseling Training Committee (CTC; the Counseling faculty). Each student 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. Once each application has been submitted and minimum requirements have been met, the CTC will review the application and notify the applicant of his/her status. Students’ performance during their courses of study will be used to assess whether they have 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.
- **Academic Standards.** Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C” in general core classes.
  - No more than six advisor-approved hours from traditional correspondence courses.
- **Final Requirements.** Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....60 Hours**

<b>Course Prefix</b>	<b>Course No.</b>	<b>Course Title</b>
PSY	5033	Cultural and Gender Diversity
PSY	5143	Advanced Developmental Psychology
PSY	5153	Cognitive Assessment
PSY	5193	Experimental Design
PSY	5233	Psychopathology
PSY	5253	Personality & Pathology Assessment
PSY	5263	Legal & Ethical Aspects of Counseling
PSY	5333	Psychopharmacology
PSY	5473	Individual Counseling
PSY	5483	Group Counseling
PSY	5493	Competency Based Counseling
PSY	5523	Child & Adolescent Counseling
PSY	5533	Couples & Family Counseling
PSY	5563	Advanced Social Psychology
PSY	5633	Cognitive Psychology
PSY	5683	Advanced Tech of Counseling
PSY	5813	Diagnostic Testing Tech
PSY	5783	Behavioral Neuroscience
PSY	5900	Practicum Counseling Psychology (3 hrs)
PSY	5900	Practicum Counseling Psychology (3 hrs)

**TOTAL HOURS REQUIRED ..... 60 HOURS**

<b>Program:</b>	Psychology	<b>Dept:</b>	Psychology
<b>Major:</b>	Psychology - Experimental	<b>College:</b>	Education and Professional Studies
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	3711

### Psychology - Experimental, M.A.

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

Students enrolled in this major 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 member 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>Graduate Admissions:</b>	<b>Carlie Wellington</b>
Email:	<a href="mailto:cwellington@uco.edu">cwellington@uco.edu</a>
Office:	Box 106, EDU 207
Phone:	(405) 974 - 5105
<b>Coordinator/Advisor:</b>	<b>Dr. Mickie Vanhoy</b>
Email:	<a href="mailto:mvanhoy@uco.edu">mvanhoy@uco.edu</a>
Office:	EDU 309
Phone:	(405) 974 - 5707

### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of graduate and undergraduate transcripts from each institute attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:\*
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
  - Completion of 21 undergraduate hours as follows: PSY 1103, PSY 2753, PSY 3713, PSY 3833, PSY 3903, PSY 4753, and PSY 4763
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- A GRE score of at least 290 on the combined verbal reasoning and quantitative sections (900 combined on the previous scale) and a minimum of 3.5 on the analytical writing section.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

### Other Requirements

- Plan of Study. During PSY 5051, each student must complete a plan of study. Each student must then file it immediately with the Jackson College of Graduate Studies. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official. [www.uco.edu/ceps/dept/psy/psychology-ma.asp#experimental](http://www.uco.edu/ceps/dept/psy/psychology-ma.asp#experimental)

- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Thesis. If applicable, each student must complete an acceptable thesis, successfully defend it in public, submit two paper copies of it to the library, submit one electronic copy to the designated electronic repository, and send a title page, the original signature page, summary and an abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

### Graduation Requirements

Required Courses.....42 Hours

Course Prefix	Course No.	Course Title
PSY	5143	Advanced Developmental Psychology
PSY	5193	Experimental Design
PSY	5233	Psychopathology
PSY	5343	Psychological Science
PSY	5383	Multivariate Analysis in Psychology
PSY	5563	Advanced Social Psychology with SPSS
PSY	5633	Cognitive Psychology
PSY	5783	Behavioral Neuroscience
Plus 15 hours additional Graduate Psychology courses		
PSY	5990	Thesis

TOTAL HOURS REQUIRED ..... 42 HOURS

<b>Program:</b>	Psychology	<b>Dept:</b>	Psychology
<b>Major:</b>	Psychology - Forensic Psychology	<b>College:</b>	Education and Professional Studies
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	3714

### Psychology - Forensic Psychology, M.A.

The Forensic Psychology major prepares students for careers in intelligence analysis and criminal investigation at the local, state, and federal levels of law enforcement. The program emphasizes scientific research in experimental psychology and applications to forensics issues. This is a non-clinical program that trains students in quantitative methods of scientific inquiry.

The Forensic Psychology major requires a minimum of 49 graduate credit hours. In addition to the core courses required for all Psychology M.A. students, a student exercising the Forensic Psychology major must also enroll in the Forensic Psychology course work and additional course work as required by the advisory committee. A student enrolled in this major 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 member 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.

#### Graduate Admissions:

**Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

#### Coordinator/Advisor:

**Dr. Alicia Limke**  
 Email: [alimke@uco.edu](mailto:alimke@uco.edu)  
 Office: EDU 307  
 Phone: (405) 974 - 5707

#### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Admission to the Graduate Forensic Psychology Program is for **Fall semester only**. Application **Deadline is January 15**. Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 3.0 overall undergraduate GPA or 3.0 in the last 60 hours.
  - Completion of 24 undergraduate hours as follows: PSY 1103, PSY 2753, PSY 3713, PSY 3833, PSY 3903, PSY 4753, PSY 4763, and FRSC 2503.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Graduate Record Examination scores.
  - A GRE score of at least 290 on the combined verbal reasoning and quantitative sections (900 combined on the previous scale) and a minimum of 3.5 on the analytical writing section. Combined verbal reasoning and quantitative scores above the median are strongly preferred.
- A one or two page career goals statement that includes a research area of interest in Forensic Psychology is required with the application.

#### Other Requirements

- Plan of Study. Students must complete a plan of study during their first semester, which they must then file immediately with the Jackson College of Graduate Studies. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Students must meet the following course work standards:
  - Overall GPA of 3.00 or higher; and
  - No more than six (6) hours of "C" shall be applied to the degree; and
  - No grade below "C" will be applied to the degree requirements.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Thesis. Enroll in PSY 5990, complete an acceptable Thesis, and successfully defend it in public in accordance with the guidelines of the Jackson College of Graduate Studies.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

#### Graduation Requirements

##### Required Courses.....18 Hours

Course Prefix	Course No.	Course Title
PSY	5143	Advanced Developmental Psychology
PSY	5193	Experimental Design
PSY	5233	Psychopathology
PSY	5563	Advanced Social Psychology
PSY	5633	Cognitive Psychology
PSY	5783	Behavioral Neuroscience

##### Forensic Psychology Coursework.....24 Hours

Course Prefix	Course No.	Course Title
FRSC	5363	Advanced Crime Scene Techniques
FRSC	5253	Forensic Science Analysis & Lab
FRSC	5863	Expert Witness
PSY	5343	Psychological Science
PSY	5383	Multivariate Analysis with SPSS
PSY	5623	Theories of Personality
PSY	5653	Forensic Psychology
PSY	5990	Thesis

*continued...*



**Program:** Psychology  
**Major:** Psychology - Forensic Psychology continued

**Forensic Psychology Electives ..... 6 Hours**

Course Prefix	Course No.	Course Title
FRSC	5143	Crime Scene Reconstruction
FRSC	5313	Forensic Pathology
FRSC	5323	Forensic Toxicology & Lab
FRSC	5333	Forensic Molecular Biology & Lab
FRSC	5343	Forensic Serology & Lab
FRSC	5353	Firearm and Toolmark
FRSC	5413	Bloodstain Pattern Analysis
FRSC	5443	Forensic Arson Investigation
FRSC	5463	Digital Forensics
FRSC	5513	Forensic Chemistry and Lab
FRSC	5533	Forensic Microscopy and Lab
FRSC	5543	Adv. Firearm Analysis and Toolmark & Lab
FRSC	5613	Advanced Forensic DNA Analysis
FRSC	5663	Digital Forensics for Tools & Analysis
FRSC	5713	Forensic Pharmacology
FRSC	5910	Seminar in Forensic Science

**TOTAL HOURS REQUIRED ..... 48 HOURS**

**Program:** Psychology **Dept:** Psychology  
**Major:** Psychology - General Psychology **College:** Education and Professional Studies  
**Degree:** Master of Arts (M.A.) **Major Code:** 3713

**Psychology - General Psychology, M.A.**

The Master of Arts in General Psychology is a 32-hour degree that is designed to meet the needs of a wide variety of students. This degree would be ideal for the student who desires a graduate degree for career advancement in the business world, or for the student who already has a master's degree but is returning to take additional hours for certification or licensure in the mental health or school services fields. The 32-hour M.A. would also be appropriate for those who wish to obtain more advanced knowledge in psychology but do not necessarily want to become a counselor or complete a thesis.

The General Psychology major requires the same core courses as the other options yet has more opportunity for elective coursework and course substitutions.

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Gabriel Rupp**  
 Email: [grupp@uco.edu](mailto:grupp@uco.edu)  
 Office: EDU 216  
 Phone: (405) 974 - 5444

- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
  - Completion of 21 undergraduate hours as follows: PSY 1103, PSY 2753, PSY 3713, PSY 3833, PSY 3903, PSY 4753, and PSY 4763
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- A GRE score of at least 290 on the combined verbal reasoning and quantitative sections (900 combined on the previous scale) and a minimum of 3.5 on the analytical writing section.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. During PSY 5051, each student must complete a plan of study. Each student must then file it immediately with the Jackson College of Graduate Studies. The plan must be signed and dated by the student and the graduate program director before it can be considered official. [www.uco.edu/ceps/dept/psy/psychology-ma.asp#general](http://www.uco.edu/ceps/dept/psy/psychology-ma.asp#general)

**Graduation Requirements**

**Required Courses.....18 Hours**

Course Prefix	Course No.	Course Title
PSY	5143	Advanced Developmental Psychology
PSY	5193	Experimental Design
PSY	5233	Psychopathology
PSY	5563	Advanced Social Psychology
PSY	5633	Cognitive Psychology
PSY	5783	Behavioral Neuroscience

**General Electives.....12 Hours**

Course Prefix	Course No.	Course Title
12 hours of elective graduate Psychology courses		

**Capstone Experience .....2 Hours**

Course Prefix	Course No.	Course Title
PSY	5980	Graduate Project

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	Psychology	<b>Dept:</b>	Psychology
<b>Major:</b>	Psychology - School Psychology	<b>College:</b>	Education and Professional Studies
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	3712

### **Psychology - School Psychology, M.A.**

The School Psychology Major at UCO is a NASP accredited program leading to state and national certification as a specialist-level school psychologist. There are two options. The M.A. in School Psychology option leads to a master's degree and culminates in a post-graduate 6 credit hour [1,200 clock hour] internship and awarding of the College of Education Advanced Studies in School Psychology certificate and eligibility to sit for the national exam leading to credentialing as an NCSP. The Advanced Studies option is available to those currently holding an earned graduate degree in a related field who wish to pursue state and/or national certification in school psychology. Both M.A. in School Psychology and Advanced Studies candidates complete the same 60 credit hour program and the culminating 6 credit hour internship. Advanced Studies candidates may apply to have courses from their previous graduate degree substitute for coursework in the 60 credit hour school psychology program if the course meets the equivalency and recency requirements set by the UCO school psychology board. Courses submitted for equivalency must be accompanied by a catalog description and a syllabus from the institution where the course was taken.

The School Psychology Program at the University of Central Oklahoma is designed to prepare school psychologists who work at the specialist level with children, youth, and families to prevent and solve individual, school and family-related problems. At UCO, school psychology is viewed as a specialty within the area of psychology. Our philosophy is that all children and youth have a right to maximize their personal potential, gain social competencies, and accomplish meaningful goals. We believe that prevention is the best intervention; however, when problems arise, we believe that problem solving must occur in the full light of cultural, ethnic, and family diversity with particular attention given the culture of the school in which the problem exists.

The program emphasizes utilizing the full range of psychological services in schools and school-related mental health settings. The school psychologist's role is viewed as one that includes the prevention, assessment, and remediation of child and adolescent learning and behavior problems through direct and indirect services. Training is broad and provided in the context of research and highest ethical standards and adheres to the conceptual framework of the College of Education. (Program objectives are based on the NASP domains National Association of School Psychologists standards for training and practice.) School Psychology is accredited by NASP.

### **Program Objectives**

1. Use several models and methods of assessment in order to identify individual and group strengths and needs and use these models and methods as part of a systematic data collection system for evidence-based decision making.
2. Collaborate effectively with others in planning and making decisions at the individual, group, and system levels using consultation and collaboration models best suited to the situation at hand.
3. Work collaboratively with others in developing appropriate cognitive and academic goals for students with different abilities, disabilities, strengths, and needs and evaluate the effectiveness of selected interventions.
4. Use knowledge of human developmental processes to collaboratively assess and design services that will enhance the behavioral, affective, adaptive, and social skill development of students of varying abilities, disabilities, strengths, and needs as well as implement and evaluate those services.
5. Demonstrate the sensitivity and skills needed to work within various school cultures and with individuals of diverse characteristics and implement strategies selected and/or adapted based on individual characteristics, strengths, and needs.
6. Integrate knowledge of schools, regular, and special education services as well as other service delivery systems to facilitate policies and practices that create and maintain safe, supportive, and effective learning environments for children and others.
7. Use knowledge of human development, psychopathology, and associated biological, cultural, and social influences on human behavior to provide or contribute to prevention and intervention programs that promote the mental health and physical well-being of all students.
8. Work effectively with families, educators, and others in the community to promote and provide comprehensive services to children and families by using knowledge of family systems and service delivery methods that combine home, school, and community resources.
9. Evaluate research across all the fields that impact school psychology and translate good research into practice, and be able to plan and conduct investigations and program evaluations needed to improve services.
10. Represent the profession of school psychology by understanding the history and foundations of the profession; knowing various service models and methods, continually upgrading professional knowledge, and maintaining a posture of practice that maintains the highest ethical, professional, and legal standards.

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**Program:** Psychology  
**Major:** Psychology - School Psychology continued

**Graduate Admissions:** **Carlie Wellington**  
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 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Scott Singleton**  
 Email: [bsingleton1@uco.edu](mailto:bsingleton1@uco.edu)  
 Office: EDU 307P  
 Phone: (405) 974 - 5427

### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Application deadlines: January 15 for fall admission.**
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimum 3.00 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Completion of 21 undergraduate hours as follows: PSY 1103, PSY 2753, PSY 3713, PSY 3833, PSY 3903, PSY 4753, and PSY 4763
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- A GRE score of at least 290 on the combined verbal reasoning and quantitative sections (900 combined on the previous scale) and a minimum of 3.5 on the analytical writing section.
- Three (3) letters of recommendation (individually sealed in separate envelopes with recommender's signature on back flap).
- A completed School Psychology application.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

### Other Requirements

- Plan of Study. Upon acceptance into the program, each student must meet with an advisor in the school psychology program and complete a plan of study. Each student must then file it with the Psychology Department and subsequently with the Jackson College of Graduate Studies. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official. [www.uco.edu/ceps/dept/psy/psychology-ma.asp#school](http://www.uco.edu/ceps/dept/psy/psychology-ma.asp#school).
- Academic Standards. Meet the following course work standards.
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

- Prior to internship, the student must take and pass either the Oklahoma school psychology exam or the National (NCSP) school psychology exam.
- A 6 credit hour Post-Graduate Internship PSY 5952-4 (variable credit) is required for program completion. Degree completion is a step toward program completion. Program completion is defined as earning the degree plus successfully passing state or national tests and successfully completing the post-degree 1 yr. (1200 clock hour internship). You must enroll in internship hours to receive credit. 1200 clock hours = 6 credit hours (3 per semester of the internship year).
- For school psychology students completing the coursework requirements for national credentialing as a Board Certified Behavior Analyst, 1500 clock hours of supervision are required prior to eligibility to sit for the national BCBA exam. State Licensure requires course completion, passing the national exam, and completing the State of Oklahoma application for licensure (through the Department of Human Services).

### Graduation Requirements

#### Required Courses.....18 Hours

Course Prefix	Course No.	Course Title
PSY	5143	Advanced Developmental Psychology
PSY	5193	Experimental Design
PSY	5233	Psychopathology
PSY	5563	Advanced Social Psychology
PSY	5633	Cognitive Psychology
PSY	5783	Behavioral Neuroscience

#### School Psychology Specialty Courses

#### Complete Two of the Following Courses .....6 Hours

Course Prefix	Course No.	Course Title
PSY	5473	Individual Counseling, <b>and/or</b>
PSY	5483	Group Counseling
PSY	5523	Child and Adolescent Counseling

#### Complete the Following Courses.....29 Hours

Course Prefix	Course No.	Course Title
PSY	5153	Cognitive Assessment
PSY	5253	Personality Pathology & Assessment
PSY	5722	Intro to School Psych Services
PSY	5813	Diagnostic Testing Techniques
PSY	5823	ABA I: Foundations in Behavior Analysis
PSY	5833	ABA II: Appl'd Tech in Applied Behav Analysis
PSY	5853	ABA III: Topics in Applied Behavior Analysis
PSY	5863	ABA IV: Single Subject Design
PSY	5883	School Base Psychology - Ed. Intervention
PSY	5893	Consultation in School Psychology

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**Program:** Psychology  
**Major:** Psychology - School Psychology continued

**Practica.....6 Hours**

Course Prefix	Course No.	Course Title
PSY	5900	Prac: Multi-Tier Pre/Intervent. Sys - 2 cr hrs
PSY	5900	Practicum in Clinical Base Svc. - 2 cr hrs
PSY	5900	Practicum in School Psych Svcx - 2 cr hrs

**Elective Course..... 1 Hr. Minimum**

Graduate elective from PSY, PTE, or SPED to bring total to 60-credit hours.

**TOTAL HOURS REQUIRED ..... 60 HOURS**



**Program:** Reading **Dept:** Advanced Professional & Special Services  
**Major:** Reading **College:** Education and Professional Studies  
**Degree:** Master of Education (M.Ed.) **Major Code:** 3740

**Reading, M.Ed.**

The Master of Education in Reading curriculum is designed to meet the International Reading Association’s 2010 Standards for Reading Professionals for Reading Specialists and Literacy Coaches. Candidates completing the degree requirements will be eligible to apply for PreK-12 Certification as a Reading Specialist, as outlined by the Oklahoma State Department of Education. A graduate curriculum in Reading uses multiple educational settings to prepare students 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, reading coaches, reading interventionists, and reading coordinators.

**Graduate Admissions:** **Carlie Wellington**  
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 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Julie Collins**  
 Email: [jcollins18@uco.edu](mailto:jcollins18@uco.edu)  
 Office: LIB 164  
 Phone: (405) 974 - 5289

Website: <http://www.uco.edu/ceps/dept/apss/reading/index.asp>

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Hold a Standard Teaching Certificate in Early Childhood , Elementary Education, Elementary-Secondary Education or Secondary Education.
- Candidates must provide documentation of at least two years of successful teaching experience at an accredited school prior to completion of the program.
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted
  - Completion of a one 3-hour course in Children’s or Adolescent Literature which must be taken prior to enrolling in any ‘required course.’
  - Completion of a 3-hour course in Reading Methods or Language Arts Methods, which must be taken before the Reading courses.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).  
*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/ her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.

- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....22 Hours**

Course Prefix	Course No.	Course Title
READ	5623	Foundation & Survey of Reading
READ	5663	Theoretical Basis of Reading
READ	5712	Org. & Super. of Rdg. Progs. (must complete 2 other required courses as prereq. to this course)
READ	5813	Adolescent Literacy
READ	5843	Diag. & Correct. of Rdg. with Tier II Invervention (fall - Prereq/Coreq: READ 5623)
READ	5854	Clinical Practices in Rdg. (Prereq: READ 5863)
READ	5863	Rdg. Assess. with Tier III Invervention (Prereq: READ 5843)
READ	5900	Practicum: Classroom Field Experience (Prereq: READ 5712)

**Professional Courses..... 10-12 Hours**

Complete one course in each area

Course Prefix	Course No.	Course Title
<b>Area 1</b>		<b>Research</b>
PTE	5013	Foundations of Educational Research
<b>Area 2</b>		<b>Language and Literacy</b>
ELED	5223	Literature Base Language Arts
ENG	5323	History of the English Language
ENG	5343	Linguistics
IME	5013	Young Adult Library Resources
IME	5233	Children’s Library Resources
SPED	5102	Language Dev. in Special Education
<b>Area 3</b>		<b>Measurement</b>
PTE	5383	Principles of Tests & Measurements
<b>Area 4</b>		<b>Diversity Education</b>
TESL	5143	Teaching Rdg. to English Language Learners
TESL	5212	Cultural Linguistic Diversity in Schools
TESL	5413	Language Structure for ESL Teachers
TESL	5962	Institute: Multicultural Education

**TOTAL HOURS REQUIRED ..... 32 HOURS**

**Program:** School Counseling      **Dept:** Advanced Professional & Special Services  
**Major:** School Counseling      **College:** Education and Professional Studies  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3611

**School Counseling, M.Ed.**

The primary mission of the Masters of Education in School Counseling is to prepare professional counselors who specialize in the school environment. The program prepares both master’s students and post-master’s for the School Counselor Certification examination. This is a PK-12 certification. For information on Preparation for School Counselor Certification, see the Certification Programs section of this catalog.

The UCO School Counseling Program adheres to the national standards of the American Counseling Association and the American School Counselors Association and standards of the Oklahoma State Department of Education. These standards are linked to the criteria set forth by the National Board for Certified Counselors. Meeting these standards will enable students to pursue the National Certified Counselor and the National Certified School Counselor designations. In order to promote professionalism, students are encouraged to obtain these certificates and to actively participate in professional organizations.

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Laressa Beliele**  
 Email: [lbliele@uco.edu](mailto:lbliele@uco.edu)  
 Office: LIB 128  
 Phone: (405) 974 - 5290

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.\*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- A current teaching certificate. (If this is not immediately available, it must be provided within 12 hours of completed coursework).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the program coordinator before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....33 Hours**

Course Prefix	Course No.	Course Title
GUID	5013	Principles of Guidance & Counseling
GUID	5113	Theories & Tech of Grp. Cnsl. (Preq: GUID 5163)
GUID	5133	Multicultural Cnslg (Preq: GUID 5163)
GUID	5153	Cnsl. Interv. Strat. (Preq GUID 5163)
GUID	5163	Theories & Tech of Inv. ScI. Cnsl.
GUID	5253	Dev. Guidance (Preq: GUID 5013 & PTE 5153)
GUID	5443	Career Guidance (Preq: GUID 5013)
GUID	5950	Internship 200 clock hrs (Preq: GUID 5163, 5113 5153)* - 3 credit hours
PTE	5013	Foundations of Educational Research
PTE	5153	Adv. Dev. Psych. in Educ'l. Setting
PTE	5383	Principles of Tests and Measurements

\*GUID 5950 Internship. This is the last course in the program and requires permission for entry. Internship applications are available from the program coordinator. For the fall semester, an application must be in by the sixth week of the previous spring Semester: for the spring semester by the sixth week of the fall semester. Students must complete all theory courses (GUID 5163, 5113, 5153) prior to starting internships.

The internship has two components: A 100-hour clinical experience and a 100-hour in-school experience. This class meets one evening a week from 4:30 to 10:00 p.m. in the Brief Counseling Clinic in the Library Speech and Hearing Clinic. Students must have *malpractice insurance* in order to participate in this internship.

**TOTAL HOURS REQUIRED ..... 33 HOURS**

*continued...*

**Program:** School Counseling  
**Major:** School Counseling continued

After completion of a Master of Education degree in School Counseling students may wish to complete 27 additional hours of course work in order to be eligible to take the State of Oklahoma Licensed Professional Counselor exam. The following courses meet the academic requirements as set by the Oklahoma Rules and Regulations for Licensed Professional Counselor.

**Required Core Courses for LPC Exam ..... 12 Hours**

Course Prefix	Course No.	Course Title
GUID	5193	Abnormal Psych for School Personnel
GUID	5213	Counselor as Consultant
GUID	5333	Individual Test Interpretation
GUID	5900	Practicum (100 clock hours)

**Electives ..... 15 Hours**

Course Prefix	Course No.	Course Title
GUID	5343	Counseling Children & Adolescents
FMCD	5043	Family Dynamics and Sexuality
SPED	5543	Counseling Families with Disabilities
SAS	5303	Substance Abuse in Special Populations
SAS	5323	Psychopharmacology & Neurobiology of Addiction
SAS	5443	Family Systems Therapy
SAS	5633	Counseling the Abused
SAS	5910	Sem: Codependency
GERO	5363	Psychology of Aging
GERO	5463	Bereavement Counseling

**Program:** Secondary Education      **Dept:** Educational Sciences, Foundations, & Research  
**Major:** Secondary Education      **College:** Education & Professional Studies  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3770

**Secondary Education, M.Ed.**

The Secondary Education major is designed for professional educators who seek a broader cultural and professional learning experience than is possible on the undergraduate level. The curricular program enhances knowledge of content-areas and specific pedagogical techniques and skills which will be required in professional work.

Students have the opportunity to study a specific curricular area; to explore the American educational system; to demonstrate their knowledge of educational research procedures and methods, sources and formats, and critical reviews of research reports; and to prepare and defend a research proposal and its results.

Other areas of advanced learning include: The development of adolescence and social forces on adolescence and their implications for the classroom; student learning styles and behavior both individually and in classroom settings; and, professional relationships with students, parents, teachers, administrators, and other pertinent individuals.

The program is aligned to the National Board of Professional Teaching Standards (NBPTS), and program assignments simulate activities which teachers complete while pursuing National Board Certification. In fact, program students may be granted elective credit, under certain conditions, for successful completion of National Board Certification.

The program accommodates both traditionally trained and certified teachers with undergraduate education degrees and others holding bachelors degrees and seeking alternative certification. For this latter group, the program offers courses in managing classrooms, designing instruction, meeting students' needs, and assessing students' performances.

Website: <http://www.uco.edu/ceps/dept/esfr/secondary/index.asp>

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Mike Nelson**  
 Email: [mnelson15@uco.edu](mailto:mnelson15@uco.edu)  
 Office: CTL 215  
 Phone: (405) 974 - 5411

- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - Overall no more than 6 hours of "C".
  - GPA of 3.00 or higher in the Core Education required courses.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Program Portfolio. Successfully complete all program portfolio artifacts prior to graduation.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Admission Requirements**

Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.

**Graduation Requirements**

**Required Courses.....14 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
PTE	5112	Modern Philosophies of Education, <b>OR</b>
PTE	5142	History of Education, <b>OR</b>
PTE	5172	Educational Sociology
PTE	5153	Advanced Developmental Psychology
PTE	5203	Advanced Educational Psychology
PTE	5893	Seminar/Special Topics - Capstone Research Experience - 3 credit hours

**Professional Education Elective ..... 2-3 Hours**

Complete one course from the following list

Course Prefix	Course No.	Course Title
PTE	5112	Modern Philosophies of Education, <b>OR</b>
PTE	5142	History of Education, <b>OR</b>
PTE	5172	Educational Sociology
PTE	5283	Fund. of Curriculum Development
PTE	5322	Problems of Teaching Sec. Schools
PTE	5383	Principles of Tests and Measurements
PTE	5413	Educational Statistics

*continued...*

**Program:** Secondary Education  
**Major:** Secondary Education continued

**Teaching Specialty Courses ..... 15-16 Hours**

Course Prefix	Course No.	Course Title
PTE	5333	Meeting Students' Needs for Secondary Students
PTE	5523	Designing Instruction Secondary Students
PTE	5533	Managing Secondary Classrooms
PTE	5623	Secondary Class Assessment
Approved Electives: 3 - 4 hours		

**TOTAL HOURS REQUIRED ..... 32 HOURS**



**Program:** Special Education **Dept:** Advanced Professional & Special Services  
**Major:** Special Education, Mild-Moderate Disabilities **College:** Education and Professional Studies  
**Degree:** Master of Education (M.Ed.) **Major Code:** 3721

**Special Education, Mild-Moderate Disabilities, M.Ed**

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 for 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 in them 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 conduct relevant research.

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 mild/moderate needs.

**Graduate Admissions:** **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:** **Dr. Barbara Green**  
 Email: [bgreen@uco.edu](mailto:bgreen@uco.edu)  
 Office: LIB 124  
 Phone: (405) 974 - 5283

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
  - Completion of either SPED 4123 or SPED 5123.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Certification Requirements**

Teacher certification is not a graduation requirement, but it is a requirement to teach in the public schools and many private schools. The Special Education, M.Ed. Mild/Moderate program recommends its graduates for certification examinations once they have completed their major support courses and professional education courses and pass the OGET, the OPTE, and the Oklahoma Subject Area Test in Mild-Moderate Disabilities.

Certified special education graduates wishing to teach in any of the core academic subjects, must become "highly qualified" in their core academic subject area within two years of the date of employment. These areas include: Early Childhood or Elementary Education or Middle or Secondary Education in Math or Science or Language Arts. To obtain highly-qualified status, teachers must pass an examination in the appropriate subject area. Special educators may choose to co-teach or teach non-core courses instead of obtaining highly-qualified status.

**Graduation Requirements**

**Required Courses.....22 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
READ	5833	Diagnosis/Intervention in Reading
SPED	5012	Lang. Development in Special Education
SPED	5212	Legal Aspects in Special Education
SPED	5232	Educational Strategies Young Child Disab.
SPED	5303	Assessing the Exceptional Individual
SPED	5443	Behavior/Classroom Management
SPED	5452	Curriculum Modification/Assistive Tech.
SPED	5582	Secondary Special Education

**Guided Electives.....15 Hours**

Course Prefix	Course No.	Course Title
SPED	5242	Foundations of Mild-Moderate Disabilities
SPED	5653	Procedures of Mild-Moderate LD
SPED	5743	Procedures for Mild-Mod. E/B Disorder
SPED	5763	Procedures for Mild-Moderate MR
SPED	5842	Curriculum Dev. for Mild-Mod Disabilities
SPED	5900	Practicum in SPED (Mild-Mod) - 1 credit hour
SPED	5900	Practicum in SPED (E/B Disab.) - 1 credit hour

**TOTAL HOURS REQUIRED ..... 37 HOURS**

**Program:** Special Education      **Dept:** Advanced Professional & Special Services  
**Major:** Special Education, Sever-Profound/Multiple Disabilities      **College:** Education and Professional Studies  
**Degree:** Master of Education (M.Ed.)      **Major Code:** 3721

**Special Ed., Severe/Profound/Multiple Disabilities, M.Ed.**

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 for 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 conduct relevant research.

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 severe-profound/multiple needs. The program provides practicum experiences with children with disabilities in various settings.

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Barbara Green**  
 Email: [bgreen@uco.edu](mailto:bgreen@uco.edu)  
 Office: LIB 124  
 Phone: (405) 974 - 5283

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
  - Completion of either SPED 4123 or SPED 5123.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Certification Requirements**

Teacher certification is not a graduation requirement, but it is a requirement to teach in the public schools and many private schools. The Special Education, M.Ed. Severe/Profound program recommends its graduates for certification examinations once they have completed their major support courses and professional education courses and pass the OGET, the OPTE, and the Oklahoma Subject Area Test in Severe-Profound Disabilities.

A certified special education graduate wishing to teach in any of the core academic subjects, must become "highly qualified" in a core academic subject area. These areas include: Early Childhood or Elementary Education or Middle or Secondary Education in Math or Science or Language Arts. To obtain highly-qualified status, teachers must pass an examination in the appropriate subject area. Special educators may choose to co-teach or teach non-core courses instead of obtaining highly-qualified status.

**Graduation Requirements**

**Required Courses.....22 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
READ	5833	Diagnosis/Intervention in Reading
SPED	5012	Lang. Development in Special Education
SPED	5212	Legal Aspects in Special Education
SPED	5232	Educational Strategies Young Child Disab.
SPED	5303	Assessing the Exceptional Individual
SPED	5443	Behavior/Classroom Management
SPED	5452	Curriculum Modification/Assistive Tech.
SPED	5582	Secondary Special Education

**Guided Electives.....15 Hours**

Course Prefix	Course No.	Course Title
SPED	5252	Foundations of S/P Disabilities
SPED	5693	Procedures for S/P Physical/Multi. Disab.
SPED	5753	Procedures for S/P E/B Disorder
SPED	5773	Procedures for S/P MR
SPED	5852	Curriculum Dev. for S/P Dis.
SPED	5900	Practicum in SPED (S/P Multi Dis.) - 1 credit hr
SPED	5900	Practicum in SPED (E/B Disab.) - 1 credit hr

**TOTAL HOURS REQUIRED ..... 37 HOURS**

**Program:** Speech-Language Pathology **Dept:** Advanced Professional & Special Services  
**Major:** Speech-Language Pathology **College:** Education and Professional Studies  
**Degree:** Master of Science (M.S.) **Major Code:** 3730

**Speech-Language Pathology, M.S.**

The Master’s degree in Speech-Language Pathology is designed to complete the academic and practical preparation of 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. This program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

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.

**Application Deadline: January 31** to be considered for the following summer semester. In order for an application to be considered, all items must be received by or postmarked no later than January 31. This program begins in the summer semester.

**Coordinator/Advisor:** Dr. Linda Sealey  
**Email:** lsealey@uco.edu  
**Office:** LIB 162  
**Phone:** (405) 974 - 5296

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
  - Completion of the following prerequisites: SLP 4003, SLP 4724, SLP 4014, SLP 4143, SLP 4223, SLP 4054, and SLP 4673, earning a minimum GPA of 3.00 with no grade below a “C”.
- Submit the following documents to the Speech-Language pathology department, postmarked by January 31<sup>st</sup>:
  - Program application
  - Official transcripts
  - Three (3) recommendations (must be completed on SLP program form)

<http://www.uco.edu/graduate/files/slp-app.pdf>
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work

- standards:
- Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....46 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research
SLP	5112	Speech Hearing Science
SLP	5232	Comm. Disorders Infant/Toddler
SLP	5243	Diagnostic Methods in SLP
SLP	5252	Advanced Normal Lang. Development
SLP	5262	Advanced Language Disorders
SLP	5282	Advanced Articulation Disorders
SLP	5292	Aphasia II
SLP	5302	Augmentative Communication
SLP	5332	Legal Aspects in SLP
SLP	5343	Dysphagia
SLP	5352	Cleft Palate
SLP	5363	Asphasa I
SLP	5372	Neuroscience in SLP
SLP	5900	Practicum (minimum 5 hours)
SLP	5900	Practicum (Public School - 3 credit hours)
SLP	5900	Practicum (Medical Setting - 4 credit hours)
SLP	5950	Internship - Evaluating Clinical Effectiveness (2 credit hours)

**TOTAL HOURS REQUIRED ..... 46 HOURS**

**Program:** Wellness Management      **Dept:** Kinesiology & Health Studies  
**Major:** Wellness Management - Exercise Science      **College:** Education and Professional Studies  
**Degree:** Master of Science (M.S.)      **Major Code:** 3670

**Wellness Management - Exercise Science, M.S.**

The Master of Science in Wellness Management with an emphasis in Exercise Science is designed to prepare the student to promote and manage healthy and active 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.

**Graduate Admissions:**      **Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**      **Dr. Melissa Powers**  
 Email: [mpowers3@uco.edu](mailto:mpowers3@uco.edu)  
 Office: CTL 227  
 Phone: (405) 974 - 5309

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted. \*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Thesis. If applicable, complete an acceptable thesis and successfully defend it publicly, submit two paper copies of the thesis to the library and one electronic copy to the library through Proquest, and submit the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....21 Hours**

Course Prefix	Course No.	Course Title
KINS	5103	Physiological Basis of Human Movement
KINS	5113	Legal/Ethical Princ. of Wellness Mgmt.
KINS	5233	Assessment of Health & Exercise Science
KINS	5303	Exercise Testing & Prescription
KINS	5333	Rehabilitative Exercise App. for Special Pop.
KINS	5393	Research in Kinesiology & Health
KINS	5403	Biochemical Basis of Human Movement

**Capstone Experience ..... 3-6 Hours**

Choose One

Course Prefix	Course No.	Course Title
KINS	5950	Internship (3 credit hours)
KINS	5980	Graduate Project (3 credit hours)
KINS	5990	Thesis (6 credit hours)

**Guided Electives..... 9-12 Hours**

Course Prefix	Course No.	Course Title
GERO	5443	Biology of Human Aging
HLTH	5213	Organizational Behavior & Leadership
HLTH	5223	Contemporary Issues in Health & Wellness
HLTH	5313	Wellness Intervention Strategies & Skills
HLTH	5422	Grant Writing in Health & Wellness
KINS	5423	Strength Develop. & Training Methods
NTRN	5422	Nutrition for Sports Professionals
PHED	5313	Applied Sport Psychology

**TOTAL HOURS REQUIRED ..... 36 HOURS**



<b>Program:</b>	<b>Wellness Management</b>	<b>Dept:</b>	<b>Kinesiology &amp; Health Studies</b>
<b>Major:</b>	<b>Wellness Management - Health Studies</b>	<b>College:</b>	<b>Education and Professional Studies</b>
<b>Degree:</b>	<b>Master of Science (M.S.)</b>	<b>Major Code:</b>	<b>3671</b>

**Wellness Management - Health Studies, M.S.**

The Master of Science in Wellness Management program provides the student with a working knowledge to address wellness issues within multiple populations. Students will gain skills in grant writing and interpretation of statistics as well as experience in research and leadership centered on issues of health and wellness. Aspects of legal and ethical principles within wellness programs will be addressed. The student will be able to optimize their learning through elective courses in Adult Education, Family and Child Development, Gerontology, and Substance Abuse Studies. These electives will provide students with an important knowledge base that is helpful in working with diverse populations without creating the appearance of expertise in these areas.

**Graduate Admissions:**

**Carlie Wellington**  
 Email: [cwellington@uco.edu](mailto:cwellington@uco.edu)  
 Office: Box 106, EDU 207  
 Phone: (405) 974 - 5105

**Coordinator/Advisor:**

**Dr. Diane Rudebock**  
 Email: [crudebock@uco.edu](mailto:crudebock@uco.edu)  
 Office: WAH 101B  
 Phone: (405) 974 - 5216

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted. \*
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

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**Other Requirements**

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- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Thesis. If applicable, complete an acceptable thesis and successfully defend it publicly, submit two paper copies of the thesis to the library and one electronic copy to the library through Proquest, and submit the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements****Required Courses.....23 Hours**

Course Prefix	Course No.	Course Title
HLTH	5213	Org. Behavior & Leadership
HLTH	5223	Contemp. Issues in Health & Wellness
HLTH	5313	Wellness Intervention Strategies & Skills
HLTH	5333	Health Equity & Determinants
HLTH	5422	Grant Writing in Health & Wellness
KINS	5113	Legal/Ethical Princ. of Wellness Mgmt.
KINS	5233	Assessment of Health & Exercise Science
KINS	5393	Research in Kinesiology & Health

**Guided Electives.....9 Hours**

Course Prefix	Course No.	Course Title
ADED	5453	Psychology of Adult Development
FMCD	5373	Life-Span Human Development in FMCD
GERO	5023	Orientation to Gerontology
GERO	5342	Politics of Aging
GERO	5443	Biology of Human Aging
GERO	5463	Bereavement Counseling
GERO	5731	Drug Issues of Older Adults
GERO	5910	Special Topic
SAS	5303	Substance Abuse & Special Populations
SAS	5343	Prevention & Education in SAS
SAS	5910	Special Topic

Other elective courses must be approved by the program coordinator prior to enrollment

Course Prefix	Course No.	Course Title
HLTH	5950	Internship
HLTH	5980	Graduate Project (3 credit hours)
HLTH	5990	Thesis (2-4 credit hours)

**TOTAL HOURS REQUIRED ..... 34-36 HOURS**



# Certification Preparation

# Preparation for Teacher Certification and Licensure

## Teacher Certification and Licensure

### A. Advanced Certification and Professional School Services

- Elementary and Secondary School Principal
- Library Media Specialist
- School Counselor
- School Psychologist
- School Psychometrist
- Reading Specialist
- Speech-Language Pathologist
- Superintendent

### B. Elementary & Secondary Certification Programs

- Art
- Early Childhood Education
- Elementary Education
- English
- Foreign Language
  - French
  - German
  - Spanish
- Mathematics
  - Advanced
- 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

### C. Career Technology Programs

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

### D. Other Special Certification Programs

- English as a Second Language
- School Nurse

## Certification Overview and Requirements

*Special Note: Certification requirements established by the Oklahoma State Department of Education and the Oklahoma Commission for Teacher Preparation changed beginning November 1, 2009. 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 coursework and completion of a Master's degree for standard certification. Bachelor level programs require the completion of a bachelor's degree for certification. Please refer to the current undergraduate catalog for details.

Periodically the program guidelines, coursework, 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.

### Certification Definitions

- A. License – The class of certification for entry-level teachers is a license. Application for licensure is made through UCO. The license is valid for five (5) years and is renewable. The license program was suspended by Oklahoma House Bill 3027 for a minimum of two years (7/1/2010 through 7/1/2012).
- B. Certificate – Due to Oklahoma House Bill 3029 (effective 7/1/2010 through 7/1/2011), a certificate will be issued for entry-level teachers upon completion of a teacher preparation program. Licenses and the Residency-Year Program have been suspended for these two consecutive years. Application is made to the Teacher Education Services. Certificates are valid for five (5) years.
- 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.

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.

*Individuals who hold teacher certification via the State Department of Education's Alternative Certification method will need to be recommended for adding advanced certification area(s) by UCO. However, the individual will remain part of the State Department of Education's Alternative Certification Placement Program.*

*continued...*

## Preparation for Teacher Certification and Licensure continued

### Program Procedures and Guidelines for Certification

*NOTE: For certification at any level, the applicant must hold a bachelor's degree. For advanced certification, the applicant must hold a Master's degree.*

The UCO Teacher Education Services office is located in the Education Building, room 207, telephone (405) 974-5447. Information regarding certification may be obtained from this office. Applications for initial license and adding additional certification(s) may be obtained from <http://www.sde.state.ok.us>. Certification is based on the completion of the University of Central Oklahoma approved programs. Applications are processed through the Teacher Education Services Office. To apply for initial license or advanced certification, the individual should:

- A. For initial certification, complete all courses identified for general education and the respective professional education and specialization areas. For advanced certification complete all courses listed on the Plan of Study developed by Director of Graduate Advisement for the College of Education and Professional Studies;
- B. Contact the appropriate Program Coordinator regarding the coursework 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;
- C. For individuals pursuing initial certification, apply for admission to teacher education following the procedures and guidelines enumerated in "Admission to Teacher Education." Guidelines are also found online at <http://ceps.uco.edu/dept/tes/admission-teacher-education>;
- D. For individuals pursuing initial certification, apply to student teaching following the procedures and guidelines enumerated in the section entitled "Admission to Student Teaching." Guidelines are also located online at <http://ceps.uco.edu/dept/tes/admission-student-teachingconcurrent>;
- E. Apply to take the appropriate state certification examination. Application is made online with Certification Examination for Oklahoma Educators (CEOE) at <http://www.ceoe.nesinc.com>;
- F. For recommendation for the initial license or certification, the applicant is required to meet all academic standards mandated by degree requirements;
- G. After completing the certification requirements, obtain an application for initial license or for adding additional certification online at <http://www.sde.state.ok.us>;
- H. After all applicable coursework has been posted on the UCO transcript, including degree, if appropriate; candidates must submit a completed UCO official transcript along with the completed application for initial certification or adding additional certification(s) to the UCO Teacher Education Services Office for review and recommendation. If courses needed for certification were completed at an institution other than UCO, 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 coursework;

- I. Effective November 1, 2001, Oklahoma requires applicants for initial teacher certification to have on file with the Oklahoma State Board of Education a current OSBI and FBI fingerprint-based criminal history record;
- J. When the Teacher Certification Officer at UCO completes the review of coursework 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, in addition to meeting certification requirements, candidates must meet UCO's residency requirement. As such, candidates must complete at least their last 24 semester hours in the area of specialization (teaching field) and professional education at UCO. These 24 semester hours must include the following:

Course Prefix	Course No.	Course Title
PTE	4901	Practicum in Professional Teacher Education (if Educational Psychology was taken elsewhere)
PTE	4583	Classroom Management & Instruction
PTE	4811	Contemporary Issues
PTE	4828, 4838, or 4848	Directed Observation and Student Teaching

### Admission Requirements 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, Bachelor of Fine Arts in Education, or the Bachelor of Music Education degrees (or otherwise qualify to teach) are required to make formal application during their sophomore year (after completing 40 semester hours and meeting criteria below) to the Council on Teacher Education. Application must be made according to published dates. There are two rounds of applications in the fall and spring semesters. Candidates must be admitted to the teacher education program to enroll in restricted, professional courses. No late applications will be accepted. Periodically, admission guidelines and requirements change. It is the responsibility of the individual seeking admission to meet requirements that are in place at the time of application to teacher education. Individuals should review the most recent UCO catalog and teacher education handbook to determine the most current admission requirements. The conditions for admission to teacher education effective fall 2009 are:

- A. Have already successfully completed 40 semester hours of college credit;

continued...

## Preparation for Teacher Certification and Licensure continued

B. Continue to meet the standard prerequisite for admission to teacher education. *For those enrolled as entering freshmen, transfer students, or those seeking certification beginning fall 2000*

1. Achieve a minimum overall GPA of 2.75 in all subjects completed at UCO and at other colleges or universities at the time of application. Students not meeting the minimum GPA of 2.75 may contact Teacher Education Services for alternative admission criteria.
2. All coursework taken in degree certification major or common courses required for majors must be completed with no grade lower than "C" after August 15, 1990;
3. All coursework taken in Professional Teacher Education must be completed with no grade lower than "C."

*Those enrolled prior to fall 2000 and maintaining continuous enrollment should contact Teacher Education Services (EDU 207) for more information regarding admission standards.*

- C. Demonstrate proficiency in written and oral English as indicated by having a grade of "C" or better in 6 hours of English composition;
- D. Pass the Oklahoma General Education test (OGET);
- E. Interview with a departmental advisor;
- F. Receive formal approval by the Council on Teacher Education.

Students transferring to UCO from other institutions will be expected to meet the above conditions before beginning teacher education training.

All students will be required to compile a Teacher Education Passport. The passport is checked periodically and will need to be up-to-date for Admission to Student Teaching.

Students of junior standing who come to UCO for a summer term only and plan to transfer back to the school from which they came may be permitted to enroll in teacher 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.

### Certification Examinations

Individuals seeking certification must satisfactorily complete the Certification Examinations for Oklahoma Educators before applying for certification and before a certificate 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 prior to the completion of the first week of the student teaching semester;
3. Oklahoma Professional Teaching Examination (OPTE) specific to the teaching level of the certificate sought must be passed prior to issuance of recommendation for license. Applications for the state competency examinations are available online at [www.ceoe.nesinc.com](http://www.ceoe.nesinc.com). 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 meeting requirements for certification. 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.

Candidates 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 Program Coordinator at the receiving institution. Transferring candidates 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.

### Coursework Completed in Community or Junior Colleges

Only sixty-four (64) semester hours of credit taken in an accredited community or junior 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 coursework 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 community or junior college will NOT substitute for the course in the UCO approved teacher certification program;
- B. The coursework is applicable in meeting the approved program of certification at the recommending institution;
- C. The coursework CANNOT include any early childhood or elementary specialization area courses (this refers to the 40 hours of specialization);
- D. The coursework CANNOT include any teacher education courses (this refers to the courses in the 28-33 hours in Professional Teacher Education);
- E. The coursework 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 a community or junior college;

*continued...*

## Preparation for Teacher Certification and Licensure continued

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|---|---|
| <p>F. The last nine (9) 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. Community and junior colleges do not have state approved teacher certification programs.</p> | <p>E. Complete the course SPED 4123 Teaching Individuals with Disabilities, if not previously completed;</p> <p>F. Make application for the additional license/certificate through the Teacher Education Services office (EDU 207) following the procedures listed under Program Procedures and Guidelines for Certification.</p> |
|---|---|

### Issuance of an Initial License

Issuance of an Initial License and Residency Year has been suspended until July 1, 2012, due to passage of Oklahoma HB 3029.

### Issuance of Standard Certificates

The State Board of Education shall issue a certificate to any person who meets all of the following requirements:

- A. Has successfully completed all training and courses required by the State Board of Education based on the guidelines and programs 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. (Those seeking career-technical certificate should verify requirements with the Oklahoma Department of Career and Technology Education);
- C. Has registered to complete necessary application for the certification exams;
- D. Has received a passing score on the certification exam;
- E. Has applied to the State Department of Education on the appropriate State of Oklahoma form and paid the appropriate application fee for 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 Teacher Certification Coordinator. (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 certification requirements.)

### Issuance of a License or Certificate for Additional Certification Areas, and Teaching Certificate

Individuals who currently hold a valid Oklahoma license or certificate at the standard certification level and who desire UCO's recommendation to obtain certification in another specialization area, must completed the following:

- A. Complete the specialization area courses based on the UCO state approved program. Other criteria may be required for those individuals who want to obtain additional certification in Elementary Education, Early Childhood Education, or Special Education. Check with the Teacher Education Services office for specific information.
- B. Complete a minimum of the last nine (9) semester hours toward the new certification area through the University of Central Oklahoma;
- C. Pass the appropriate 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;



## Preparation for Library Media Specialist Certification

### Library Media Specialist Certification

Completion of the required courses will enable the student to apply for official certification as a Library Media Specialist. This certificate authorizes the holder to supervise and/or administer Library Media services in grades PK-12 in any accredited school in Oklahoma and to teach Library Media skills in grades PK-12. A list of required courses may be obtained from the Director of Graduate Advisement or Program Coordinator.

Website:

<http://www.uco.edu/ceps/dept/apss/instructional-media/index.asp>

### Standard Library Media Specialist Certificate

A Master's degree is required for standard certification.

A. *For applicants who hold a baccalaureate degree, but do not have a Master's degree*

1. 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.
2. Applicants must complete the required courses for a Master's degree in Library Media Education.

B. *For applicants already holding a Master's degree:*

1. 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.
2. Applicants who hold a Master's degree and are seeking Library Media Specialist Certification are required to twenty-four (24) hours of required course work.

### Required courses:

Course Prefix	Course No.	Course Title
IME	5053	School Library Administration
IME	5063	School Library Foundations
IME	5013	Young Adult Library Resources
IME	5223	Collaborative Instructional Processes
IME	5233	Children's Library Resources
IME	5453	Collection Management
IME	5863	School Library Technology
IME	5883	Capstone in Library Media

C. *For applicants already holding a Master's degree in library science:*

Alternative certification is available with a Master's degree in Library Science and 6-18 hours of teacher education courses through the State Department of Education, depending on work experience.

### General Guidelines

1. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
2. All courses applicable to the Master of Education in Library Media must be taken at the graduate level AND the applicant must maintain a 3.0 GPA in all Library Media Education courses.
3. At least a minimum of twelve (12) hours must be completed at the University of Central Oklahoma for certificate recommendation by UCO.
4. The applicant shall satisfactorily complete the state curriculum examination in the area of Library Media Specialist prior to being issued a standard license/certificate.
5. The applicant shall hold a Bachelor's degree from an accredited institution.
6. The applicant shall satisfy all general regulations of eligibility including, for the standard certificate, completion of the course SPED 4123 Teaching Individuals with Disabilities or its equivalent.
7. Applicants must hold a valid Oklahoma teaching license/certificate prior to completion of the program.
8. For recommendation for certification, applicants must maintain a 3.0 in all Library Media Education courses and have no more than six (6) hours of "C."
9. Applicants must successfully complete all portfolio requirements as designated by the program.

*Individuals who hold teacher certification via the State Department of Education's Alternative Certification method will need to be recommended for adding advanced certification area(s) by UCO. However, the individual will remain part of the State Department of Education's Alternative Certification Placement Program.*

## Preparation for School Psychometrist Certification

### School Psychometrist Certification

Completion of the required courses will enable the student to apply for official certification. This certification authorizes the holder to serve as a School Psychometrist/Educational Diagnostician in any accredited school in Oklahoma.

#### General Guidelines

1. This certification track is only available to those individuals who are completing or have completed the Master of Arts in Psychology – School program at the University of Central Oklahoma
2. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
3. 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.
4. The applicant shall pass the School Psychometry State Curriculum Examination prior to being issued a certificate.
5. The applicant must complete a minimum of twenty-five (25) semester hours of graduate course work as outlined below, beyond the prerequisites.
6. For recommendation by the University of Central Oklahoma, a minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma.
7. Applicants must successfully complete all portfolio requirements as designated by the program.

### School Psychometrist/Educational Diagnostician

#### Required Courses.....25 hrs

**A. Core Area** - A minimum of twelve (12) semester hours is required with one course from areas 1-4 listed below

**1. Special Education**

SPED 5443 Behavioral Classroom Mgmt

**2. Psychology of School-Aged Children**

PSY 5153 Advanced Developmental Psych

OR

PTE 5822 Advanced Psychology of Childhood

OR

PTE 5832 Advanced Psych. of Adolescence

**3. Special Psychology**

PSY 5233 Psychopathology

**4. Statistics**

PSY 5383 Multivariate Analysis OR

**B. Psychoeducational Diagnostic Procedures .....9 hrs**

PSY 5803 Individual Testing - Wechsler

PSY 5813 Diagnostic Testing Techniques

SPED 5212 Legal Aspects of Special Education

**C. Practicum in School Psychometry**

PSY 5902 Practicum in Sch. Psychometry

(150 clock hours of direct service)

### D. School Psychological Services

PSY 5722 Intro. to School Psych. Services

**Total – Schl. Psychometrist/Educ. Diagnos.....25 hrs**

#### Certificate: Standard

*Individuals who hold teacher certification via a State Department of Education's Alternative Certification method will not be recommended for additional certifications by UCO. Those individuals may apply for additional certification directly to the Oklahoma State Department of Education through that agency's Alternative Certification program.*

## Preparation for School Principal Certification

### School Principal Certification

Completion of the required courses will enable the student to apply for official certification as a School Principal. A list of required courses may be obtained from the Director of Graduate Advisement or Program Coordinator.

### General Guidelines

1. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
2. The applicant shall hold and maintain a valid Oklahoma standard teaching certificate in one of the following areas: early childhood education, elementary education, elementary-secondary education, secondary education, or career-technical education.
3. The applicant shall hold a Master's degree granted by an institution accredited by a regional accrediting association.
4. The applicant must pass the principal common core and the grade level elementary and/or secondary curriculum examinations.
5. All courses taken for administration certification must be completed at the graduate level.
6. The applicant shall satisfy all general regulations of eligibility including, for the standard certificate, completion of the course SPED 4123 Teaching Individuals with Disabilities or its equivalent.
7. At least a minimum of nine (9) hours must be completed at the University of Central Oklahoma for certificate recommendation by UCO
8. For recommendation for certification applicants must not have more than six (6) hours of 'C' in specialized coursework.
9. Applicants must successfully complete all portfolio requirements as designated by the program.

For applicants who hold a baccalaureate degree, but do not have a Master's degree

- A. Applicants may qualify if they:
  1. Hold and maintain a valid certification credential in early childhood education, elementary education, elementary-secondary education, secondary education, or vocational-technical education;
  2. Have two (2) years teaching experience in an elementary school, middle school, junior high school, or senior high school accredited by the Oklahoma State Department of Education.
- B. Applicants must complete the required courses for a Master's degree in Educational Leadership. Please refer to page 61 for information regarding requirements for a Master's degree in Educational Leadership.

*For applicants already holding a Master's degree:*

- A. Applicants may qualify if they:
  1. Hold and maintain a valid certification credential in early childhood education, elementary education, elementary – secondary education, secondary education, or vocational-technical education;
  2. Have two (2) years teaching experience in an elementary school, middle school, junior high school, or senior high school accredited by the Oklahoma State Department of Education.
- B. Applicants must complete the required courses for administration certification or submit documentation of relevant experience. Applicants attempting to use relevant experience in lieu of coursework must contact the Program Coordinator for Educational Leadership at 974-5448 for instructions on the alternative certification process for administration certification.

EADM	5543	Fund. of Public School Administration
EADM	5453	Interpersonal Relations in School Admin
EADM	5673	School Personnel Administration
EADM	5683	Curriculum Leadership
EADM	5623	Supervision & Evaluation of Instruction
EADM	5553	Legal Aspects of School Administration
EADM	5353	Technology for School Administration
EADM	5583	Public School Finance
EADM	5814	Principalship/Internship

*Individuals who hold teacher certification via the State Department of Education's Alternative Certification method will need to be recommended for adding advanced certification area(s) by UCO. However, the individual will remain part of the State Department of Education's Alternative Certification Placement Program.*

# Preparation for Reading Specialist Certification

## 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). Children's Literature
3. For standard certification, the applicant must have completed the course SPED 4123 Teaching Individuals with Disabilities (or an equivalent course).

### General Guidelines

1. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
2. For the standard certificate, the applicant must hold a Master's Degree granted by an institution accredited by a regional accrediting association.
3. For individuals holding a Master's degree, previous graduate course work may, upon approval of the Program Coordinator, satisfy curricular requirements. Individuals seeking approval of previous course work should contact the Program Coordinator for a review of their graduate course work.
4. The applicant must successfully complete the state curriculum examination in the area of Reading Specialist prior to being issued a certificate.
5. All courses taken for Reading Specialist Certification must be completed at the graduate level.
6. The program for Reading Specialist Certification includes 32 semester hours of graduate course work for the standard certificate. The specific courses are outlined below.
7. 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.
8. For recommendation for certification applicants must not have more than six (6) hours of 'C' in coursework required for certification.
9. Applicants must successfully complete all portfolio requirements as designated by the program.

## Reading Specialist Certificate Courses..... 32 hrs

### Specialization Area..... 22 hrs minimum

#### 1. Theoretical Found. of Reading..... 6 hrs minimum

READ	5623	Foundations & Survey of Reading
READ	5663	Theoretical Basis of Reading

#### 2. Diagnostic Assessment of Reading Disabilities

READ	5843*	Diagnosis & Correction of Reading & Tier II Intervention
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#### 3. Clinical & Classroom Experience..... 8 hrs minimum

READ	5854	Clinical Practices in Reading**3
READ	5910	Seminar: Adolescent Literacy
READ	5901	Practicum: Reading Coach Experience

#### 4. Professional Development..... 2 hrs minimum

READ	5712	Org. & Supervision of Reading Progs
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\*Note: These courses must be taken in sequential order according to the superscript numbers.

### Professional Education Area..... 10-11 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 applied.

#### 1. Research..... 3 hrs

PTE	5013	Foundations of Educational Research
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#### 2. Language and Literacy..... 2-3 hrs

SPED	5102	Language Devel. in Special Education
ELED	5223	Lit-Based Language Arts Measurement

#### 3. Measurement..... 3 hrs

PTE	5413	Educational Statistics
PTE	5383	Principles of Tests and Measurements

#### 4. Theories & Methods of Learning..... 2-3 hrs

TESL	5960	Inst-Multicultural Education (2 hrs)
SPED	5443	Behavioral Classroom Management
PTE	5203	Advanced Educational Psychology

*Individuals who hold teacher certification via the State Department of Education's Alternative Certification method will need to be recommended for adding advanced certification area(s) by UCO. However, the individual will remain part of the State Department of Education's Alternative Certification Placement Program.*

## Preparation for School Counselor Certification

### School Counselor Certification

Completion of the required courses will enable the student to apply for official certification. This certification authorizes the holder to serve as a counselor in any accredited school in Oklahoma.

### General Guidelines

1. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
2. The applicant shall hold a valid classroom teaching certificate.
3. The applicant must satisfactorily complete the state curriculum examination for School Counselor Certificate.
4. All course work must be completed at the graduate level.
5. For recommendation by the University of Central Oklahoma, the last nine semester hours of course work must be completed at the University of Central Oklahoma.
6. For standard certification the applicant must hold a Master's degree granted by an institution accredited by a regional accrediting association.
7. For certificate recommendation, the applicant shall have completed the approved program for certification as a school counselor as outlined in the graduate catalog.
8. For recommendation for certification applicants must not have more than six (6) hours of 'C' in specialized coursework.
9. Applicants must successfully complete all portfolio requirements as designated by the program.

### School Counselor Required Course Work ..... 33 hrs

PTE	5013	Foundations of Educational Research
PTE	5153	Adv. Develop. Psych. for Educ. Settings
PTE	5383	Principles of Tests & Measurements
GUID	5013	Prin. of Guidance & Counseling
GUID	5163	Theo. & Tech. of Individ. School Cnslg
GUID	5133	Multicultural Counseling
GUID	5443	Career Guidance
GUID	5113	Theories & Tech. of Group Counseling
GUID	5153	Counseling Intervention Strategies
GUID	5253	Developmental Guidance
*GUID	5950	Internship (3 credit hrs)

\*200 Total Hours: 100 hours in Counselor Education Clinic, 100 hours in an accredited school site

*Individuals who hold teacher certification via the State Department of Education's Alternative Certification method will need to be recommended for adding advanced certification area(s) by UCO. However, the individual will remain part of the State Department of Education's Alternative Certification Placement Program.*



## Preparation for Board Certified Behavior Analyst

### Board Certified Behavior Analyst

ABCBA is an individual who is certified by the nationally accredited Board and is licensed by OKDHS DDSD to provide applied behavior analysis services in Oklahoma. Applied behavior analysts assess, design, implement and evaluate instructional and environmental modifications to produce socially significant improvements in human behavior through skill acquisition and the reduction of problem behavior. Many BCBA's specialize in working with individuals with autism, developmental disabilities, or other disabilities and may work in schools, clinics, homes and other settings.

The Behavior Analyst Certification Board, Inc. has approved the following course sequence as meeting the course work requirements for eligibility to take the Board Certified Behavior Analyst Examination. Applicants will have to meet additional requirements to qualify. In addition to the course sequence and passing the national exam, successful completion of a 1600 clock hour supervised internship is required.

This course sequence is available only to those with earned Master's degrees in related fields or those currently enrolled in Master's degree programs in related fields (i.e. Psychology, Special Education, Speech-Language Pathology, Guidance and Counseling, Infant/Child Specialist).

### General Guidelines

1. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
2. A Master's degree and the Behavior Analyst course sequence (including internship) must be earned before the student can apply to take the Board Certified Behavioral Analyst Examination.
3. A grade of B or higher in each course must be earned in course in this program.
4. The 1500 clock hour internship must be completed under supervision as prescribed by the National Board.
5. Acceptance into the Behavior Analyst program is based on the submission of an application, a copy of the applicant's transcript(s) and recommendations from two (2) people familiar with the applicant's suitability for serving as a Behavior Analyst. Applications for the program are available online at <http://ceps.uco.edu/dept/psy/programs/board-certified-behavior-analyst>. Applications due by January 1.
6. Admission to the program will be by cohort group. Each cohort group begins in a summer semester and takes one (1) to two (2) courses per semester for two years. One (1) course is taken during the summer between year one and two.
7. A portion of the internship may be earned during the course sequence as long as activities supervised are within the scope of the course(s) taken.

### Behavior Analyst Course Sequence .....18 hrs

PSY 5823	ABA I: Foundations in Behavior Analysis
PSY 5833	ABA II: Application of Techniques in Applied Behavioral Analysis
PSY 5843	Autism II: Autism/PDD-NOS Advanced
PSY 5853	ABA III: Topics in Applied Behavior Analysis
PSY 5863	ABA IV: Single Subject Design
PSY 5873	Ethical Conduct & Princ. of Applied Behavior Analysis

*The 1500 clock hour internship is external to the course sequence and must be completed under the supervision of a Board Certified Behavior Analyst, UCO faculty approved by the Behavior Analyst Certification Board (BACB) to teach in UCO's BCBA program, and documented according to National Board Standards.*

### Board Certified Assistant Behavior Analyst

#### (BCaBA) Course sequence ..... 12 hrs

This course sequence is available to those who have completed a bachelor's degree in a related field and complete the following guidelines:

### General Guidelines

1. Applicants must have completed a Bachelor's degree and meet admission requirements to the BCaBA certification pathway.
2. The following four course sequence (including internship) must be completed before the student can apply to take the BCaBA exam.
3. A grade of C or higher must be earned on each course in the program, with no more than 2 credit hours of C earned to remain in the program (as per graduate catalog requirements).
4. The 1000 clock hour Internship must be completed under the supervision as prescribed by the National Board.
5. Acceptance into the program is based on the submission of an application, a copy of the applicant's transcripts and recommendations from two (2) people familiar with the applicant's suitability for serving as a BCaBA. Applications for the program will be available online.
6. Admission to the program will be by cohort group. Each cohort group begins in the summer semester and takes one (1) course each semester for one year.
7. A portion of the Internship may be earned during the course sequence as long as activities supervised are within the scope of the course(s) taken.

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## Preparation for Board Certified Behavior Analyst continued

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PSY	5823	ABA I: Foundations in Behavior Analysis
PSY	5833	ABA II: Application of Techniques in Applied Behavioral Analysis
PSY	5843	Autism II: Autism/PDD-NOS Advanced
PSY	5873	Ethical Conduct & Principles of ABA

*The 1000 clock hour internship is external to the course sequence and must be completed under the supervision of a Board Certified Behavior Analyst or UCO faculty approved by the Behavior Analyst Certification Board (BACB) to teach in UCO's BCaBA course sequence and documented according to National Board Standards.*

**Certification Process Director:**            **Dr. Scott Singleton**  
Email:    [ssingleton1@uco.edu](mailto:ssingleton1@uco.edu)  
Office:    EDU 307C  
Phone:    (405) 974 - 5427

## Preparation for Speech-Language Pathology Certification

### Speech-Language Pathology Certification

Completion of the required courses will enable the student to apply for official certification. This certification 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 curriculum 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 teaching 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 a Master's degree for the standard certificate.
4. The applicant shall pass the ETS Praxis Series Speech-Language Pathology test or 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 (3) 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. For recommendation from the University of Central Oklahoma, a minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma.
7. Applicants must successfully complete all portfolio requirements as designated by the program.

### Standard Speech-Language Pathology Certificate (Additional Guidelines)

1. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
2. The applicant must satisfy all requirements and be admitted to the Speech-Language Pathology program at the University of Central Oklahoma. Applications may be found online at <http://ceps.uco.edu/dept/sps/programs/speech-language-pathology/enrollment-admissions>.
3. The applicant must complete an approved program for the Speech-Language Pathology Certificate, which consists of a minimum of forty-six (46) semester hours of graduate course work culminating in a Master's degree.
4. 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.
5. 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 forty-six (46) 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.

# Preparation for School Superintendent Certification

## School Superintendent Certification

Completion of the required courses will enable the student to apply for official certification as a School Superintendent. This certification authorizes the holder to serve as a school superintendent in any accredited school in Oklahoma.

### General Guidelines

1. The applicant must satisfy all requirements related to formal admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Applications may be completed online at <http://www.uco.edu/graduate/admissions.html>.
2. To pursue the superintendent sequence, individuals must submit the following documents to the Program Coordinator, 100 North University Drive, Box 193, Edmond, OK, 73034.
  - Application to the program. Applications may be found online at <http://ceps.uco.edu/dept/aps>
  - Letter of application outlining the applicant's prior academic and professional accomplishments
  - Personal statement discussing the applicant's desire to pursue a career as a school district leader
  - Copy of graduate transcript with master's degree posted. A graduate GPA of 3.0 or higher is required for admission to the program

Questions regarding the application may be directed to the Program Coordinator at (405) 974-5448.

3. Admission decisions are made by the Program Coordinator in consultation with program faculty members.
4. The applicant shall hold and maintain a valid Oklahoma standard teaching certificate in one of the following areas: early childhood education, elementary education, elementary-secondary education, secondary education, or career-technical education.
5. The applicant shall hold a Master's degree granted by an institution accredited by a regional accrediting association.
6. The applicant must hold a current principal certification.
7. The applicant must have a minimum of five (5) years experience as a teacher and/or administrator in an Oklahoma public or private school accredited by the Oklahoma State Board of Education. Of those five years, at least two years must have been completed as a school administrator.
8. The applicant must pass the superintendent curriculum examinations.
9. All courses taken for superintendent certification must be completed at the graduate level.
10. The applicant shall satisfy all general regulations of eligibility including, for the standard certificate, completion of the course SPED 4123 Teaching Individuals with Disabilities or its equivalent.
11. At least a minimum of nine (9) hours must be completed at the University of Central Oklahoma for certificate recommendation by UCO.
12. Maintain a minimum GPA of 3.0 in superintendent course work.

13. For recommendation for certification applicants must not have more than six (6) hours of 'C' in specialized coursework.
14. Applicants must successfully complete all portfolio requirements as designated by the program.

### School Superintendent Required Course Work ..... 18 hrs

EADM	5713	School District Direction Setting
EADM	5723	School District Instructional Planning
EADM	5951	Superintendent Internship I
EADM	5733	School District Organizational Mgmt
EADM	5743	School District Community Collaboration
EADM	5951	Superintendent Internship II
EADM	5753	School District Ethics, Influence & Politics
EADM	5951	Superintendent III

*Individuals who hold teacher certification via the State Department of Education's Alternative Certification method will need to be recommended for adding advanced certification area(s) by UCO. However, the individual will remain part of the State Department of Education's Alternative Certification Placement Program.*

# Preparation for Oklahoma Elementary Math Specialist Certification

## Oklahoma Elementary Math Specialist Certification

Completion of the required courses will enable the student to apply for official certification as a Oklahoma Elementary Math Specialist

This certificate will provide more effective math teachers which will have a positive impact on mathematic learning of children in their classrooms. They will also have leadership positions as specialists and math coaches so that they will provide professional development for other teachers.

**Certification Process Director:** Dr. Darlinda Cassel  
 Email: [dcassel2@uco.edu](mailto:dcassel2@uco.edu)  
 Office: LIB 145, Box 127  
 Phone: (405) 974 - 5128

### Prerequisites:

1. Must have a valid teacher certification in Elementary Education and/or Early Childhood Education
2. Two years of full time teaching experience in grades pre-K through 5th grade.

### General Guidelines

The applicant must satisfy all requirements related to formal Admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Application may be completed online at [www.uco.edu/graduate](http://www.uco.edu/graduate)

In order to complete the sequence and be recommended for the OEMS certification, the students must maintain a grade of C or better in each of the 6 courses. This is a graduate level program. This sequence does not lead to graduation but rather to certification.

### Program Procedures and Guidelines for Certification

The UCO Teacher Education Services office is located in the Education Building, room 207, telephone (405)974-5447. Information regarding certification may be obtained from this office. Applications for adding additional certification(s) may be obtained from <http://www.sde.state.ok.us> Certification is based on the completion of the University of Central Oklahoma approved programs. Applications are processed through the Teacher Education Services Office. To apply for advanced certification, the individual should:

- A. Complete all courses listed on the Plan of Study developed by Director of Graduate Advisement for the College of Education and Professional Studies;
- B. Contact the appropriate Program Coordinator regarding the coursework for the respective program, particularly if it seems likely that some courses previously completed could substitute for required courses in the program.
- C. Apply to take the appropriate state certification examination. Application is made online with Certification Examination for Oklahoma Educators (CEOE) at <http://www.ceoe.nesinc.com>
- D. After completing the certification requirements, obtain an application for adding additional certification online at <http://www.sde.state.ok.us>;

- E. After all applicable coursework has been posted on the UCO transcript; candidates must submit a completed UCO official transcript along with the completed application for adding additional certification(s) to the UCO Teacher Education Services Office for review and recommendation. If courses needed for certification were completed at an institution other than UCO, 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 coursework.

### Admission Requirements

1. Valid teacher certification in ELED and/or ECE.
2. Two years of full time teaching experience in grades pre-K through 5th Grade
3. Maintain a grade of C or better in each of the 6 required courses.

### OEMS Required Course Work ..... 18 hrs

ELED	5513	Algebra and Mathematical Tasks (PK-5)
ELED	5523	Geometry Spatial Visualization and Learning Trajectories (PK-5)
ELED	5533	Number Concepts and Assessment (PK-5)
ELED	5543	Teaching Measurement and Data (PK-5)
ELED	5553	Rational Number Concepts, Proportional Reasoning, and Classroom Interactions (PK-6)
ELED	5563	Mathematics Leadership and Coaching

## Preparation for Gifted and Talented Certification

### Gifted and Talented Certification

Completion of the required courses will enable the student to apply for official certification as an Oklahoma Gifted Education Specialist.

This certificate will provide a foundation of knowledge and skills as outlined by the Oklahoma Competencies (adopted May, 2012) for teachers of gifted, talented, and creative learners as well as skills and knowledge based for effective leadership in gifted education programs.

#### Contact:

Email:

Office:

Phone:

**Dr. Linda Rittner**

[lrittner@uco.edu](mailto:lrittner@uco.edu)

CTL 223

(405) 974 - 3488

### General Guidelines

1. The applicant must satisfy all requirements related to formal Admission to the Jackson College of Graduate Studies at the University of Central Oklahoma. Application may be completed online at [www.uco.edu/graduate](http://www.uco.edu/graduate)
2. Candidates for certification must hold valid Oklahoma teacher licensure and be admitted to the graduate college.
3. Out-of-State students applying should hold a current teaching certificate.
4. This program includes six courses aligned with the Oklahoma State Competencies for Gifted and Talented Specialist as approved by NCATE, NAGC (National Association for Gifted Children) and CES (Council for Exceptional Children).
5. This is a graduate level program. This sequence does not lead to graduation but rather to certification.

### Program Procedures and Guidelines for Certification

The UCO Teacher Education Services office is located in the Education Building, room 207, telephone (405) 974-5447. Information regarding certification may be obtained from this office. Applications for adding additional certification(s) may be obtained from <http://www.sde.state.ok.us> Certification is based on the completion of the University of Central Oklahoma approved programs. Applications are processed through the Teacher Education Services Office. To apply for advanced certification, the individual should:

- A. Complete all courses listed on the Plan of Study developed by Director of Graduate Advisement for the College of Education and Professional Studies;
- B. Contact the appropriate Program Coordinator regarding the coursework for the respective program, particularly if it seems likely that some courses previously completed could substitute for required courses in the program.
- C. Apply to take the appropriate state certification examination. Application is made online with Certification Examination for Oklahoma Educators (CEOE) at <http://www.ceoe.nesinc.com>
- D. After completing the certification requirements, obtain an application for adding additional certification online at <http://www.sde.state.ok.us>;

- E. After all applicable coursework has been posted on the UCO transcript; candidates must submit a completed UCO official transcript along with the completed application for adding additional certification(s) to the UCO Teacher Education Services Office for review and recommendation. If courses needed for certification were completed at an institution other than UCO, 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 coursework.

### Gifted and Talented Required Course Work .....18 Hours

ESFR	5413	Foundations of Gifted Education
ESFR	5423	Social Emotional Needs of Gifted Learners
ESFR	5433	Program Development for the Gifted Education
ESFR	5443	Identification and Assessment in the Gifted Education
ESFR	5453	Leadership and Communication for Gifted Education
PTE	5900	Practicum in Teacher Education - Gifted Talented and Creative



# COLLEGE OF FINE ARTS AND DESIGN

ACADEMIC DEGREE PROGRAMS



## College of Fine Arts and Design

Evans Hall, Room 13

Telephone: (405) 974-3771

Fax: (405) 974-3775

Email: [mbrown86@uco.edu](mailto:mbrown86@uco.edu)

Website: [www.uco.edu/cfad](http://www.uco.edu/cfad)

Dr. Pamela Washington, Dean

Ms. Ruki Ravikumar, Assistant Dean

Ms. Charlene Weidell, Assistant Dean

Mr. Chris Domanski, Assistant Dean

### Department Chairs

Ms. Charleen Weidell, Department of Art

Mr. David Maxwell, Assistant Chair

Ms. Amy Johnson, Department of Design

Ms. Amy Johnson, Assistant Chair

Dr. Brian Lamb, Director, School of Music

Mr. Rob Glaubitz, Assistant Director, School of Music

Mr. Chris Domanski, Department of Theatre Arts

Ms. Kato Buss, Assistant Chair

Ms. Jill Priest, Department of Dance

Ms. Tina Kambour, Assistant Chair

The names of graduate program advisors appear on the program degree sheets on the following pages.

At the graduate level, the College of Fine Arts and Design awards the following degrees:

#### Master of Music (M.M.)

- Music
  - Composition
  - Conducting
  - Music Education
  - Performance
- Jazz Studies
  - Performance
  - Commercial Music Production

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

- Design

The College of Fine Arts and Design and its music programs are accredited by the National Association of Schools of Music. The Interior Design program within the M.F.A. in Design is accredited by the Council for Interior Design Accreditation (CIDA).

**Program:** Design **Dept:** Design  
**Major:** Design **College:** Fine Arts and Design  
**Degree:** Master of Fine Arts (M.F.A.) **Major Code:** 1600

**Design, M.F.A.**

The MFA in Design is a terminal degree that provides opportunities for students who are interested in design education, research, and proficiency.

Designers are innovative problem solvers who process information and user needs to improve communication and environments. The Department of Design at UCO offers coursework in Graphic Design and Interior Design.

In the State of Oklahoma, Interior Design professionals need to register if they wish to be designated as Interior Designers. The Oklahoma Board of Architects, Landscape Architects and Interior Designers requires a degree from a program accredited by CIDA (formerly FIDER) for registration. At UCO the BFA in Interior Design is an accredited program.

**Graduate Advisor:** Rukmini Ravikumar, MFA  
 Email: [rravikumar@uco.edu](mailto:rravikumar@uco.edu)  
 Office: A&D 107  
 Phone: (405) 974 - 5210

**Assistant Graduate Advisor:** Lanie Gabbard  
 Email: [dgabbard@uco.edu](mailto:dgabbard@uco.edu)  
 Office: A&D 115B  
 Phone: (405) 974 - 5207

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- **Application deadlines:**
  - April 1 for fall,
  - October 1 for spring,
  - March 1 for summer
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.50 GPA overall or 2.50 GPA in the last 60 hours attempted.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- An essay that includes the following:
  - Why you wish to pursue a Master of Fine Arts degree in Design at UCO.
  - Your professional career plan and objectives.
- Three (3) letters of recommendation. At least one letter must be written by a design professional. Letters from UCO faculty are not acceptable.
- A design portfolio that includes 10 – 15 examples of your design work with project titles, dates, descriptions and other relevant information.
- A current resume.
- Evidence of completion of all prerequisites (if any), as determined by the graduate advisor.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Complete an acceptable thesis and successfully defend it in public. Send two paper copies and one electronic copy of the thesis to the library through Proquest, and submit the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....33 Hours**

Course Prefix	Course No.	Course Title
DES	5293	Design Studio I*
DES	5393	Design Studio II*
DES	5xx3	Design Studio III*
DES	5493	Design Research Project
PTE	5013	Foundations of Educational Research
PTE	5413	Educational Statistics
3 hours of DES History		
12 hours of Thesis		

*continued...*

**Program:**  
**Major:**

**Design**  
**Design continued**

**Guided Electives.....21 Hours**

Complete 21 Hours from the following list

<b>Course Prefix</b>	<b>Course No.</b>	<b>Course Title</b>
DES	5113	History of Graphic Design I
DES	5123	History of Graphic Design II
DES	5133	History of Graphic Design III
DES	5313	Typography Studio
DES	5423	Computer Graphics Studio*
DES	5443	Illustration Studio*
DES	5483	Clock Tower Studio*
DES	5513	History of Interior Design I
DES	5523	History of Interior Design II
DES	5553	History of Interior Design III
DES	5633	Computer Drafting Studio*
DES	5733	Furniture Design Studio*
DES	5753	Environmental Design Studio*
DES	5773	Charles Evans Studio*
DES	5843	Teaching Design*
DES	5900	Practicum in Design*
DES	5910	Seminar / Special Topics*
DES	5930	Individual Study in Design*
DES	5950	Internship in Design*
DES	5960	Institute in Design*
DES	5970	Study Tour in Design*
ADED	5313	Techniques of Teaching Adults
ADED	5332	Motivating the Adult Learner
ADED	5823	Nature & Characteristics of the Adult Learner

**General Electives.....6 Hours**

**TOTAL HOURS REQUIRED ..... 60 HOURS**

*\*May be repeated for credit, up to 9 hours.*

<b>Program:</b>	Music	<b>Dept:</b>	Music
<b>Major:</b>	Composition	<b>College:</b>	Fine Arts & Design
<b>Degree:</b>	Master of Music (M.M.)	<b>Major Code:</b>	1614

**Music - Composition, M.M.**

The Composition major will help prepare students in the field of music composition by developing a higher level of proficiency in composing music in a variety of genres for a variety of instrumental and vocal combinations. Students learn to put together recitals of their music and/or special performances of their works.

This major also allows individuals to pursue areas of special and related interest through elective studies. The School of Music is fully accredited by the National Association of Schools of Music (NASM).

<b>Graduate Advisor:</b>	<b>Dr. Sam Magrill</b>
Email:	<a href="mailto:smagrill@uco.edu">smagrill@uco.edu</a>
Office:	MUS 220
Phone:	(405) 974 - 5684

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. Completion of an appropriate undergraduate program (or equivalent for international students) and demonstration of at least baccalaureate-level competence in those areas considered common to all undergraduate study in music as outlined in Sections VII or VIII of the National Association of Schools of Music Handbook. Undergraduate transcripts must show a minimum 2.50 GPA overall or 2.75 GPA in the last 60 hours attempted.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Evidence of a successful audition. Consult the School of Music home page for more details. Application to the Jackson College of Graduate Studies must be completed prior to the audition.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Entrance Advisory Examination. Complete the written Entrance Advisory Examination in music history, music theory, and writing skills after admission to the graduate program and prior to attending classes. A passing grade of 70% is required. Students falling below 70% may make up any deficiency in an individual area or areas by enrolling in Music History Survey, Music Theory survey, and Writing About Music as determined by the graduate advisor. These courses must be completed with a grade of B or better.
- Diction. Vocal Candidates in Performance must demonstrate proficiency in Italian, French and German diction, either through a record or diction study at the undergraduate level or through examination. Candidates deemed deficient must take the relevant undergraduate course or courses concurrent with their graduate study.

- Plan of Study. Each student must file a plan of study with the graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Culminating Project. Candidates in each major must successfully complete a culminating project. Composition majors must, under supervision, complete and have performed a major composition, which will be evaluated by a committee of three relevant members of the graduate faculty in the field.
- Comprehensive Examination. The degree candidate must at the end of study pass a comprehensive examination based on all previous instruction and relevant general knowledge of music. The comprehensive Examination will consist of both written and oral examinations. No later than the final week of the previous semester, the candidate must inform the graduate advisor of the readiness to take the examination in the following semester. The Comprehensive Examination Committee will consist of the candidate's major instructor, one member of the academic music faculty and a member of the graduate faculty in music of the candidate's own choosing.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses..... 16-17 Hours**

Course Prefix	Course No.	Course Title
MUS	5312	Introduction to Music Research
MUS	5453	Music Theory Pedagogy
MUS	5743	Music History Pedagogy
MUS	5113	Advanced Choral Conducting <b>OR</b>
MUS	5173	Advanced Instrumental Conducting
MUS	5443	Arts Management <b>OR</b>
MUED	5743	Music Administration
MPER	5882	Graduate Recital <b>OR</b>
MUED	5980	Graduate Project (3 hours)

*continued...*

**Program:** Music  
**Major:** Composition continued

**Required Composition Major Courses ..... 10 Hours**

Course Prefix	Course No.	Course Title
MUS	5062	Applied Composition (8 credit hours)
MUS	5392	Advanced Arranging (2 credit hours)

**Guided Electives ..... 5-6 Hours**

To be chosen from among supportive disciplinary training as defined by NASM standards.

**TOTAL HOURS REQUIRED ..... 32 HOURS**



<b>Program:</b>	<b>Music</b>	<b>Dept:</b>	<b>Music</b>
<b>Major:</b>	<b>Conducting</b>	<b>College:</b>	<b>Fine Arts &amp; Design</b>
<b>Degree:</b>	<b>Master of Music (M.M.)</b>	<b>Major Code:</b>	<b>1613</b>

**Music - Conducting, M.M.**

The Conducting major will help prepare students in the field of conducting by developing a higher level of proficiency in conducting music for instrumentalists and/or vocalists in a variety of contexts, culminating in a recital and/or special project.

This major also allows individuals to pursue areas of special and related interest through elective studies. The School of Music is fully accredited by the National Association of Schools of Music (NASM).

<b>Graduate Advisor:</b>	<b>Dr. Sam Magrill</b>
Email:	<a href="mailto:smagrill@uco.edu">smagrill@uco.edu</a>
Office:	MUS 220
Phone:	(405) 974 - 5684

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. Completion of an appropriate undergraduate program (or equivalent for international students) and demonstration of at least baccalaureate-level competence in those areas considered common to all undergraduate study in music as outlined in Sections VII or VIII of the National Association of Schools of Music Handbook. Undergraduate transcripts must show a minimum 2.50 GPA overall or 2.75 GPA in the last 60 hours attempted.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Evidence of a successful audition. Consult the School of Music home page for more details. Application to the Jackson College of Graduate Studies must be completed prior to the audition.  
*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Entrance Advisory Examination. Complete the written Entrance Advisory Examination in music history, music theory, and writing skills after admission to the graduate program and prior to attending classes. A passing grade of 70% is required. Students falling below 70% may make up any deficiency in an individual area or areas by enrolling in Music History Survey, Music Theory survey, and Writing About Music as determined by the graduate advisor. These courses must be completed with a grade of B or better.
- Diction. Vocal Candidates in Performance must demonstrate proficiency in Italian, French and German diction, either through a record or diction study at the undergraduate level or through examination. Candidates deemed deficient must take the relevant undergraduate course or courses concurrent with their graduate study.

- Plan of Study. Each student must file a plan of study with the graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Culminating Project. Candidates in each major must successfully complete a culminating project. Conducting majors must, under supervised preparation, conduct a major work for large ensemble (band, orchestra, choir, vocal production), which will be evaluated by a committee of three relevant members of the graduate faculty.
- Comprehensive Examination. The degree candidate must at the end of study pass a comprehensive examination based on all previous instruction and relevant general knowledge of music. The comprehensive Examination will consist of both written and oral examinations. No later than the final week of the previous semester, the candidate must inform the graduate advisor of the readiness to take the examination in the following semester. The Comprehensive Examination Committee will consist of the candidate's major instructor, one member of the academic music faculty and a member of the graduate faculty in music of the candidate's own choosing.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses..... 16-17 Hours**

Course Prefix	Course No.	Course Title
MUS	5312	Introduction to Music Research
MUS	5453	Music Theory Pedagogy
MUS	5743	Music History Pedagogy
MUS	5113	Advanced Choral Conducting <b>OR</b>
MUS	5173	Advanced Instrumental Conducting
MUS	5443	Arts Management <b>OR</b>
MUED	5743	Music Administration
MPER	5882	Graduate Recital <b>OR</b>
MUED	5980	Graduate Project (3 hours)

*continued...*

**Program:**  
**Major:**

**Music**  
**Conducting continued**

**Required Conducting Major Courses ..... 9 Hours**

Course Prefix	Course No.	Course Title
MUS	5713	Analytical Techniques
Select 6 credit hours from the following. Must include courses not taken in the core.		
MUS	5113	Advanced Choral Conducting
MUS	5173	Advanced Instrumental Conducting
MUS	5503	Advanced Conducting & Score Reading

**Guided Electives..... 6-7 Hours**

To be chosen from among supportive disciplinary training as defined by NASM standards.

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	Music	<b>Dept:</b>	Music
<b>Major:</b>	Music Education	<b>College:</b>	Fine Arts & Design
<b>Degree:</b>	Master of Music (M.M.)	<b>Major Code:</b>	1611

**Music - Music Education, M.M.**

The Music Education major will help prepare students in the field of music education by developing a higher level of proficiency in understanding and utilization for instruction of specific philosophical, methodological, and educational concepts pertinent to the environment of the public school system.

This major also allows individuals to pursue areas of special and related interest through elective studies. The School of Music is fully accredited by the National Association of Schools of Music (NASM).

<b>Graduate Advisor:</b>	<b>Dr. Sam Magrill</b>
Email:	<a href="mailto:smagrill@uco.edu">smagrill@uco.edu</a>
Office:	MUS 220
Phone:	(405) 974 - 5684

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. Completion of an appropriate undergraduate program (or equivalent for international students) and demonstration of at least baccalaureate-level competence in those areas considered common to all undergraduate study in music as outlined in Sections VII or VIII of the National Association of Schools of Music Handbook. Undergraduate transcripts must show a minimum 2.50 GPA overall or 2.75 GPA in the last 60 hours attempted.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Evidence of a successful audition. Consult the School of Music home page for more details. Application to the Jackson College of Graduate Studies must be completed prior to the audition.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Entrance Advisory Examination. Complete the written Entrance Advisory Examination in music history, music theory, and writing skills after admission to the graduate program and prior to attending classes. A passing grade of 70% is required. Students falling below 70% may make up any deficiency in an individual area or areas by enrolling in Music History Survey, Music Theory survey, and Writing About Music as determined by the graduate advisor. These courses must be completed with a grade of B or better.
- Diction. Vocal Candidates in Performance must demonstrate proficiency in Italian, French and German diction, either through a record or diction study at the undergraduate level or through examination. Candidates deemed deficient must take the relevant undergraduate course or courses concurrent with their graduate study.

- Plan of Study. Each student must file a plan of study with the graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Culminating Project. Candidates in each major must successfully complete a culminating project. Music Education majors must complete a supervised project of a nature relevant to professional practice and evaluated by a committee of three members of the graduate faculty in the field.
- Comprehensive Examination. The degree candidate must at the end of study pass a comprehensive examination based on all previous instruction and relevant general knowledge of music. The comprehensive Examination will consist of both written and oral examinations. No later than the final week of the previous semester, the candidate must inform the graduate advisor of the readiness to take the examination in the following semester. The Comprehensive Examination Committee will consist of the candidate's major instructor, one member of the academic music faculty and a member of the graduate faculty in music of the candidate's own choosing.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses..... 16-17 Hours**

Course Prefix	Course No.	Course Title
MUS	5312	Introduction to Music Research
MUS	5453	Music Theory Pedagogy
MUS	5743	Music History Pedagogy
MUS	5113	Advanced Choral Conducting <b>OR</b>
MUS	5173	Advanced Instrumental Conducting
MUS	5443	Arts Management <b>OR</b>
MUED	5743	Music Administration
MPER	5882	Graduate Recital <b>OR</b>
MUED	5980	Graduate Project (3 hours)

*continued...*

**Program:** Music  
**Major:** Music Education continued

**Required Music Education Major Courses..... 9 Hours**

Course Prefix	Course No.	Course Title
MUED	5213	History of Music Education
Select 6 credit hours from the following		
MUED	5123	Foundations of Music Education
MUED	5223	Philosophy of Music Education
MUED	5333	Current Trends in Practice

**Guided Electives..... 6-7 Hours**

To be chosen from among supportive disciplinary training as defined by NASM standards.

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	Music	<b>Dept:</b>	Music
<b>Major:</b>	Performance	<b>College:</b>	Fine Arts & Design
<b>Degree:</b>	Master of Music (M.M.)	<b>Major Code:</b>	1612

**Music - Performance, M.M.**

The Performance major will help prepare students in the field of music performance by developing a higher level of proficiency in performing on their instrument, be it piano, percussion, string, woodwind, brass or voice, in a variety of contexts, culminating in a recital and/or special performance.

This major also allows individuals to pursue areas of special and related interest through elective studies. The School of Music is fully accredited by the National Association of Schools of Music (NASM).

<b>Graduate Advisor:</b>	<b>Dr. Sam Magrill</b>
Email:	<a href="mailto:smagrill@uco.edu">smagrill@uco.edu</a>
Office:	MUS 220
Phone:	(405) 974 - 5684

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. Completion of an appropriate undergraduate program (or equivalent for international students) and demonstration of at least baccalaureate-level competence in those areas considered common to all undergraduate study in music as outlined in Sections VII or VIII of the National Association of Schools of Music Handbook. Undergraduate transcripts must show a minimum 2.50 GPA overall or 2.75 GPA in the last 60 hours attempted.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Evidence of a successful audition. Consult the School of Music home page for more details. Application to the Jackson College of Graduate Studies must be completed prior to the audition.

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Entrance Advisory Examination. Complete the written Entrance Advisory Examination in music history, music theory, and writing skills after admission to the graduate program and prior to attending classes. A passing grade of 70% is required. Students falling below 70% may make up any deficiency in an individual area or areas by enrolling in Music History Survey, Music Theory survey, and Writing About Music as determined by the graduate advisor. These courses must be completed with a grade of B or better.
- Diction. Vocal Candidates in Performance must demonstrate proficiency in Italian, French and German diction, either through a record or diction study at the undergraduate level or through examination. Candidates deemed deficient must take the relevant undergraduate course or courses concurrent with their graduate study.

- Plan of Study. Each student must file a plan of study with the graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Culminating Project. Candidates in each major must successfully complete a culminating project. Performance majors must complete a full one-hour recital in the major applied area adjudicated by a committee of three members of the graduate faculty.
- Comprehensive Examination. The degree candidate must at the end of study pass a comprehensive examination based on all previous instruction and relevant general knowledge of music. The comprehensive Examination will consist of both written and oral examinations. No later than the final week of the previous semester, the candidate must inform the graduate advisor of the readiness to take the examination in the following semester. The Comprehensive Examination Committee will consist of the candidate's major instructor, one member of the academic music faculty and a member of the graduate faculty in music of the candidate's own choosing.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Core Courses..... 16-17 Hours**

Course Prefix	Course No.	Course Title
MUS	5312	Introduction to Music Research
MUS	5453	Music Theory Pedagogy
MUS	5743	Music History Pedagogy
MUS	5113	Advanced Choral Conducting <b>OR</b>
MUS	5173	Advanced Instrumental Conducting
MUS	5443	Arts Management <b>OR</b>
MUED	5743	Music Administration
MPER	5882	Graduate Recital <b>OR</b>
MUED	5980	Graduate Project (3 hours)

*continued...*

**Program:** Music  
**Major:** Performance continued

**Required Performance Major Courses ..... 9 Hours**

Course Prefix	Course No.	Course Title
MPER	5010	Applied Music (9 credit hours)

**Guided Electives ..... 6-7 Hours**

To be chosen from among supportive disciplinary training as defined by NASM standards.

**TOTAL HOURS REQUIRED ..... 32 HOURS**



**Program:** Jazz Studies **Dept:** Music  
**Major:** Jazz Studies - Commercial Music Production **College:** Fine Arts and Design  
**Degree:** Master of Music (M.M.) **Major Code:** 1621

**Jazz Studies - Commercial Music Production, M.M.**

The program is highly specialized and requires students to develop professional level skills in music production ultimately demonstrated by a completed CD album. Additionally, students will expand performance proficiency, research and creative skill, arranging, jazz history, and career management at a more comprehensive level than can be obtained as an undergraduate. Please check our website at: <http://www.uco.jazzlab.com>.

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

**Graduate Advisor:** Brian Gorrell  
 Email: [bgorrell@uco.edu](mailto:bgorrell@uco.edu)  
 Office: UCO Jazz Lab  
 Phone: (405) 359 - 7989 x 278

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Completion of an appropriate undergraduate degree (or equivalent for international students) and demonstration of at least baccalaureate-level competence in those areas considered common to all undergraduate study in music as outlined in Sections VII or VIII of the National Association of Schools of Music Handbook.
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimal 2.50 GPA overall or 2.75 GPA in the last 60 hours attempted.\*
- Evidence of a successful interview and audition on your primary performance medium (instrumental or vocal).
- Evidence of completion of all prerequisites (if any), as determined by the graduate advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

Note: Students accepted into the program must take the Entrance Advisory Examination in Jazz Studies the week prior to the beginning of the semester. The graduate program advisor will provide date and time.

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

- Residency. Complete at least 24 hours at UCO in the degree program.
- Advisory Committee. Select an advisory committee consisting of the graduate program advisor, the candidate's major applied music instructor, and one additional faculty member. The advisory committee shall serve as jury for the graduate recital and will evaluate the final comprehensive examination.
- Comprehensive Examination. Pass a final comprehensive exam administered by the Jazz Studies Division.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses**

**Professional Studies .....21 Hours**

Course Prefix	Course No.	Course Title
MPER	5010	Applied Music - 8 hours
MPER	5xxx*	Ensemble - 2 hours
MUS	5383	Advanced Recording Technology - 3 hours
MUS	5674	CD Album Production - 4 hours
MUS	5xx4*	Electives - 4 hours, <b>OR</b>
MPER	5xx4*	Electives - 4 hours

**Supportive Music Studies .....13 Hours**

Course Prefix	Course No.	Course Title
MUS	5xx3*	Music History - 3 hours
MUS	5xx3*	Music Theory - 3 hours
MUS	5xx4*	Music Technology - 4 hours
MUS	5443	Arts Management - 3 hours

\*Specific courses will be determined by graduate advisor based upon program and student's academic history and/or skill level.

**TOTAL MINIMUM HOURS REQUIRED ..... 34 HOURS**

**Program:** Jazz Studies **Dept:** Music  
**Major:** Jazz Studies - Performance **College:** Fine Arts and Design  
**Degree:** Master of Music (M.M.) **Major Code:** 1620

**Jazz Studies - Performance, M.M.**

The program (instrumental or vocal) is highly specialized and requires students to develop professional level performance abilities in jazz and commercial styles as demonstrated by numerous concerts and a graduate recital. Additionally, students will expand research and creative skill, pedagogy, arranging, jazz history, music technology, and career management at a more comprehensive level than can be obtained as an undergraduate. Please check our website: <http://www.uco.jazzlab.com>.

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

**Graduate Advisor:** Brian Gorrell  
 Email: [bgorrell@uco.edu](mailto:bgorrell@uco.edu)  
 Office: UCO Jazz Lab  
 Phone: (405) 359 - 7989 x 278

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Completion of an appropriate undergraduate degree (or equivalent for international students) and demonstration of at least baccalaureate-level competence in those areas considered common to all undergraduate study in music as outlined in Sections VII or VIII of the National Association of Schools of Music Handbook.
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimal 2.50 GPA overall or 2.75 GPA in the last 60 hours attempted.\*
- Evidence of a successful interview and audition on your primary performance medium (instrumental or vocal).
- Evidence of completion of all prerequisites (if any), as determined by the graduate advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\*Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

Note: Students accepted into the program must take the Entrance Advisory Examination in Jazz Studies the week prior to the beginning of the semester. The graduate program advisor will provide date and time.

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

- Residency. Complete at least 24 hours at UCO in the degree program.
- Advisory Committee. Select an advisory committee consisting of the graduate program advisor, the candidate's major applied music instructor, and one additional faculty member. The advisory committee shall serve as jury for the graduate recital and will evaluate the final comprehensive examination.
- Comprehensive Examination. Pass a final comprehensive exam administered by the Jazz Studies Division.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses**

**Professional Studies .....21 Hours**

Course Prefix	Course No.	Course Title
MPER	5010	Applied Music - 12 credit hours
MPER	5xxx*	Ensemble - 2 hours
MUS	5613	Jazz Pedagogy - 3 hours
MUS	5xxx*	Electives - 2 hours, <b>OR</b>
MPER	5xxx*	Electives - 2 hours
MPER	5822	Graduate Recital - 2 hours

**Supportive Music Studies .....13 Hours**

Course Prefix	Course No.	Course Title
MUS	5xx3*	Music History - 3 hours
MUS	5xx3*	Music Theory - 3 hours
MUS	5xx2*	Music Technology - 2 hours
MUS	5443	Arts Management - 3 hours
MUS	5910	Seminar in Music - 2 hours

\*Specific courses will be determined by graduate advisor based upon program and student's academic history and/or skill level.

**TOTAL MINIMUM HOURS REQUIRED ..... 34 HOURS**

# COLLEGE OF LIBERAL ARTS

ACADEMIC DEGREE PROGRAMS



**College of Liberal Arts**  
Liberal Arts Building , Room 104  
Telephone: (405) 974-5540  
Fax: (405) 974-3823  
Email: [tleftwich@uco.edu](mailto:tleftwich@uco.edu)  
Website: [www.libarts.uco.edu/](http://www.libarts.uco.edu/)

Dr. Gary Steward, Interim Dean  
Dr. Joan Luxenburg, Associate Dean  
Dr. Jessica Sheetz-Nguyen, Assistant Dean  
Dr. Rudi Nollert, Assistant Dean

### **Department Chairs**

Dr. David Macey, English  
    Dr. Linda Steele, Assistant Chair  
Dr. Patricia Loughlin, History and Geography  
    Dr. Stan Adamiak, Assistant Chair  
Dr. Theresa Vaughan, Humanities and Philosophy  
Dr. Rozilyn Miller, Mass Communication  
    Dr. Mary Carver, Assistant Chair  
Dr. Catherine Webster, Modern Languages, Literatures, and Cultures  
    Dr. Stacey Southerland, Assistant Chair  
Dr. Louis Furmanski, Political Science  
Dr. David Ford, Sociology, Gerontology, and Substance Abuse Studies  
Dr. DeWade Langley, Director, School of Criminal Justice

The names of graduate program advisors appear on the program degree sheets on the following pages

At the graduate level, the College of Liberal Arts awards the following degrees:

#### **Master of Arts (M.A.)**

- Crime Intelligence Analysis
- Criminal Justice Management and Administration
- English
  - Composition and Rhetoric
  - 20th and 21st Century Studies
    - Film Emphasis
    - Literature Emphasis
  - Creative Writing
  - Teaching English as a Second Language
  - Traditional Studies
- Gerontology
- History
  - General
  - Museum Studies
- Political Science
  - General
  - International Affairs

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

- Creative Writing

#### **Master of Public Administration (M.P.A.)**

- Public Administration

**Program:** Creative Writing      **Dept:** English  
**Major:** Creative Writing      **College:** Liberal Arts  
**Degree:** Master of Fine Arts (M.F.A.)      **Major Code:** 5607

**Creative Writing, M.F.A.**

Candidates for the MFA in Creative Writing pursue a program of study that includes sequential writing workshops addressing different phases of the writing process, as well as courses in literature and in editing and marketing. Candidates for the MFA in Creative Writing are required to complete a thesis consisting of a major original creative work.

**Graduate Advisor:** Dr. Stephen Garrison  
 Email: [sgarrison@uco.edu](mailto:sgarrison@uco.edu)  
 Office: THH 312  
 Phone: (405) 974 - 5847

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Transcripts must show:
  - A minimal 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
  - Completion of 18 undergraduate hours in English at the 2000 level or higher with a 3.00 GPA and other prerequisites (if any), as determined by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Three letters of recommendation that speak to the applicant's academic and creative potential and his/her ability to undertake graduate study in Creative Writing.
- A letter of application explaining why the applicant is qualified to pursue this degree program and discussing ways in which pursuing the MFA in Creative Writing would facilitate his/her career plans.
- A one-to-two page statement describing the applicant's reading habits, naming a selection of significant texts that he/she has read recently, and explaining how those texts have influenced his/her understanding of literary art and goals as a writer.
- A writing sample consisting of approximately 25 pages of a single project.

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Advisor Meeting. Meet with faculty program advisor in group or individual advisement session *before enrolling in second semester*.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

- Thesis. Complete an acceptable thesis and successfully defend it in public. Send two paper copies and one electronic copy of the thesis to the library through Proquest, and submit the thesis' title page, original signature page, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....3 Hours**

Career Strategy (Craft) Course

Course Prefix	Course No.	Course Title
CSDY	5113	Pub Pro: Editing & Marketing

**Workshop Courses.....18 Hours**

Select nine (9) hours from each of the two separate course sequences below (total 18 hours)

Course Prefix	Course No.	Course Title
CSDY	5123	Short Story Writing I
CSDY	5133	Short Story Writing II
CSDY	5143	Short Story Writing III
CSDY	5323	Novel Writing I
CSDY	5333	Novel Writing II
CSDY	5343	Novel Writing III
CSDY	5453	Creative Nonfiction I
CSDY	5463	Creative Nonfiction II
CSDY	5473	Creative Nonfiction III
CSDY	5543	Poetry Writing I
CSDY	5553	Poetry Writing II
CSDY	5563	Poetry Writing III
CSDY	5613	Playwriting I
CSDY	5623	Playwriting II
CSDY	5633	Playwriting III
CSDY	5643	Screenwriting I
CSDY	5653	Screenwriting II
CSDY	5663	Screenwriting III

One of the two required nine (9) hour course sequences must be in the genre of the thesis.

**Reading Courses .....6 Hours**

Two 5000 level English courses with Advisor's approval

**Approved Electives .....3 Hours**

Select 3 hours with Advisor's approval

**Thesis .....6 Hours**

**TOTAL HOURS REQUIRED ..... 36 HOURS**



<b>Program:</b>	Crime and Intelligence Analysis	<b>Dept:</b>	School of Criminal Justice
<b>Major:</b>	Crime and Intelligence Analysis	<b>College:</b>	Liberal Arts
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	5660

**Crime and Intelligence Analysis, M.A.**

This option is designed to offer students a foundation of comparative studies, statistical analysis and technological courses that have an emphasis on information/intelligence evaluation and reporting. The classes present both a theoretical and practical approach to develop general tools of research, writing and analysis. A selection of elective courses allow students to investigate particular areas of interest and the interdisciplinary nature of the electives provide additional skill sets necessary for developing a global perspective.

**Graduate Advisor:** Dr. Shawna Cleary  
 Email: [scleary@uco.edu](mailto:scleary@uco.edu)  
 Office: COM 115F  
 Phone: (405) 974 - 5841

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions.
- Undergraduate transcripts must show a minimum of 6 undergraduate hours as follows: CJ 4113 Research Methods in Criminal Justice or CJ 4043 Intro to Criminal Justice Statistics and SOC 3633 Criminology.
- To be admitted, students must meet at least one of the following criteria.
  - A 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - A GRE minimum score of 150 Verbal and 145 Quantitative and a 5 or better on the writing exam of the GRE.
  - Possess a master's degree from an accredited university/college with an overall GPA of 3.00.
- A two-page statement of purpose for obtaining this degree and a writing sample as directed by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

**Other Requirements:**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....18 Hours**

Course Prefix	Course No.	Course Title
CJ	5223	Design & Analysis in Crim. Justice Research
CJ	5333	Comparative Criminal Justice Systems
CJ	5353	Environmental Criminology & Crime Analysis
CJ	5543	Technologies in Crime Analysis
CJ	5xx3	Crime Analysis Field Work
CJ	5833	Pro-seminar in Criminal Justice

**Guided Electives.....12 Hours**

Course Prefix	Course No.	Course Title
CJ	5133	Correctional Systems Mgmt & Admin.
CJ	5323	Victimology
CJ	5523	Cyber Crime
CJ	5533	White Collar Crime
CJ	5633	Terrorism and Homeland Security
CJ	5643	Advanced Crime Theory

**Complete 6 hours of any graduate level History/Geography/Political Science Electives.....6 Hours**

**TOTAL HOURS REQUIRED ..... 36 HOURS**



**Program:** Criminal Justice Management and Administration  
**Major:** Criminal Justice Management and Administration  
**Degree:** Master of Arts (M.A.)

**Dept:** School of Criminal Justice  
**College:** Liberal Arts  
**Major Code:** 5630

**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 provides those individuals who have a bachelor's degree in criminal justice or a related field, are presently employed in a criminal justice environment, or want to work in the field of criminal justice an opportunity to advance their skills and knowledge to qualify them for specialized job opportunities in the area of criminal justice. The 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 practicums.

**Graduate Advisor:** Dr. Shawna Cleary  
 Email: [scleary@uco.edu](mailto:scleary@uco.edu)  
 Office: COM 115F  
 Phone: (405) 974 - 5841

- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions.
- Undergraduate transcripts must show a minimum of 6 undergraduate hours as follows: CJ 4113 Research Methods in CJ or CJ 4043 Intro to CJ Statistics and SOC 3633 Criminology.
- To be admitted, students must meet at least one of the following criteria.\*
  - A 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - A GRE minimum score of 150 Verbal and 145 Quantitative and a 5 or better on the writing exam of the GRE
  - Possess a master's degree from an accredited university/college with an overall GPA of 3.00.
- Students falling below this standard may qualify for conditional or provisional admission. See Admission to Graduate Studies section.
- A two-page statement of purpose for obtaining this degree and a writing sample as directed by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.

**Graduation Requirements**

**Required Courses.....15 Hours**

Course Prefix	Course No.	Course Title
CJ	5013	Juvenile Justice Systems Mgmt. & Admin.
CJ	5053	Principles of Mgmt. in CJ Organizations
CJ	5153	Research and Planning
CJ	5233	Writing and Evaluating Research
CJ	5643	Advanced Crime Theory

**Electives .....21 Hours**

All students must select either the Thesis or Comprehensive Examination Option.

**Thesis Option**

- Fifteen hours from the following areas: business, computer science, criminal justice, psychology, political science, sociology, substance abuse studies or other courses approved by advisor.
- Thesis option: Complete an acceptable thesis and successfully defend it in public. Send two paper copies and one electronic copy of the thesis to the library through Proquest, and submit the thesis' title page, original signature page, summary and abstract page to the JCGS.

**Non-Thesis Option**

- Twenty-one hours from the following areas: business, computer science, criminal justice, psychology, political science, sociology, substance abuse studies or other courses approved by advisor.
- Comprehensive Examination: A minimum score of 75% overall is required on a comprehensive examination. The student may take the comprehensive exam twice without penalty. If the student fails the comprehensive exam the second time, additional course work may be required by the advisor before the student is allowed to take the comprehensive examination again. Students have a maximum of two years after completion of all other degree requirements to satisfactorily score the minimum required on the comprehensive exam. Alteration of this time limitation is not guaranteed.

**TOTAL HOURS REQUIRED ..... 36 HOURS**

**Program:** English  
**Major:** Composition and Rhetoric  
**Degree:** Master of Arts (M.A.)  
**Dept:** English  
**College:** Liberal Arts  
**Major Code:** 5606

**English – Composition & Rhetoric, M.A.**

Students seeking the M.A. in English with a Composition and Rhetoric major pursue a program of studies in the history of rhetoric, composition pedagogy, and rhetorical and composition theory.

**Graduate Advisor:** Dr. Matt Hollrah  
 Email: mhollrah@uco.edu  
 Office: LAR 105E  
 Phone: (405) 974 - 5614

**Admission Requirements**

- Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034
- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
  - Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from a accredited institutions. Transcripts must show:
    - A minimum 2.50 GPA overall or 2.50 GPA in the last 60 hours attempted.
    - Completion of 24 undergraduate hours in English at the 2000 level or higher with a 2.75 GPA and other prerequisites (if any) as determined by the graduate program advisor.
  - Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
 

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than six hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Language Requirement. Demonstrate reading knowledge of one foreign language in one of the following ways:
  - Pass a foreign language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
  - Produce evidence of having earned a "C" or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

- Thesis or Portfolio Option:
  - Thesis option: Complete a thesis (with a minimum of one thesis hour) and successfully defend it in public, provide two paper copies of the thesis and one electronic copy to the library through Proquest and the title page, original signature page, summary and abstract page to the JCGS.
  - Portfolio option: Enroll in ENG 5601 (Composition & Rhetoric Portfolio) and submit a portfolio of written artifacts from each major area of the field of study for the degree. Upon satisfactory completion of the portfolio, the student will take a one-hour oral examination administered by his or her advisory committee.
  - In the event of unsatisfactory performance on the portfolio or final examination, the student may petition to be re-examined in the graduate examination period of the following semester. Re-examination will be allowed only twice.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....18 Hours**

Course Prefix	Course No.	Course Title
ENG	5783	Composition Theory and Research, <b>OR</b>
ENG	5013	Bibliography and Methods of Research
ENG	5553	History of Rhetoric to 1700
ENG	5653	History of Rhetoric Since 1700
ENG	5723	Composition Pedagogies
ENG	5xx3	Literature before 1900
ENG	5xx3	Literature after 1900

**Approved Electives .....9 Hours**

Three 5000-level English electives with Advisor's approval

**General Electives.....7+ Hours**

With Advisor approval

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** English **Dept:** English  
**Major:** 20th & 21st Century Studies (Film Emphasis) **College:** Liberal Arts  
**Degree:** Master of Arts (M.A.) **Major Code:** 5605

**English – 20<sup>th</sup> & 21<sup>st</sup> Century Studies, M.A. - Film Emphasis**

Students seeking the M.A. in English with a 20th- and 21st-Century Studies major pursue a program of studies focused on twentieth- and twenty-first-century literature, culture, and media. Students may choose to concentrate their studies in literature or film.

**Graduate Advisor:** **Dr. Kurt Hochenauer**  
 Email: [khochenauer@uco.edu](mailto:khochenauer@uco.edu)  
 Office: LAR 105E  
 Phone: (405) 974 - 5669

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Transcripts must show:
  - A minimum 2.50 GPA overall or 2.50 GPA in the last 60 hours attempted.
  - Completion of 24 undergraduate hours in English at the 2000 level or higher with a 2.75 GPA and other prerequisites (if any) as determined by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than six hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Language Requirement. Demonstrate reading knowledge of one foreign language in one of the following ways:
  - Pass a foreign language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
  - Produce evidence of having earned a "C" or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

- Thesis or Comprehensive Examination Option:
  - Thesis option: Complete a thesis (with a minimum of one thesis hour) and successfully defend it in public, provide two paper copies of the thesis and one electronic copy to the library through Proquest and the title page, original signature page, summary and abstract page to the JCGS.
  - Comprehensive Examination option: Enroll in ENG 5891 and write a four- to six-hour examination on the designated examination day. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her advisory committee.
  - 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.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....30 Hours**

Course Prefix	Course No.	Course Title
ENG	5113	Studies in Literary Criticism
ENG	5xx3	Literature to 1700
ENG	5xx3	Literature to 1900 (excluding single-author courses)
ENG	5xx3	Literature to 1900 (excluding single-author courses)
ENG	5363	Theories of Film History
ENG	5373	Methods of Film Research
ENG	5433	Classical Hollywood Cinema
HUM	5083	Advanced Film Criticism
Approved Film Studies Elective		
Approved Film Studies Elective		

**General Electives.....4+ Hours**

With Advisor approval

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** English **Dept:** English  
**Major:** 20th & 21st Century Studies (Literature Emphasis) **College:** Liberal Arts  
**Degree:** Master of Arts (M.A.) **Major Code:** 5605

**English – 20<sup>th</sup> & 21<sup>st</sup>-Century Studies, M.A. - Literature Emphasis**

Students seeking the M.A. in English with a 20th- and 21st-Century Studies major pursue a program of studies that focuses on twentieth- and twenty-first-century literature, culture, and media. Students pursuing the 20th and 21st-Century Studies major may choose to concentrate their studies in the areas of literature or film.

**Graduate Advisor:** **Dr. Kurt Hochenauer**  
 Email: [khochenauer@uco.edu](mailto:khochenauer@uco.edu)  
 Office: LAR 105E  
 Phone: (405) 974 - 5669

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Transcripts must show:
  - A minimum 2.50 GPA overall or 2.50 GPA in the last 60 hours attempted.
  - Completion of 24 undergraduate hours in English at the 2000 level or higher with a 2.75 GPA and other prerequisites (if any) as determined by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than six hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Language Requirement. Demonstrate reading knowledge of one foreign language in one of the following ways:
  - Pass a foreign language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
  - Produce evidence of having earned a "C" or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

- Thesis or Comprehensive Examination Option:
  - Thesis option: Complete a thesis (with a minimum of one thesis hour) and successfully defend it in public, provide two paper copies of the thesis and one electronic copy to the library through Proquest and the title page, original signature page, summary and abstract page to the JCGS.
  - Comprehensive Examination option: Enroll in ENG 5891 and write a four- to six-hour examination on the designated examination day. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her advisory committee.
  - 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.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....30 Hours**

Course Prefix	Course No.	Course Title
ENG	5013	Bibliography and Methods of Research
ENG	5xx3	Literature to 1700
ENG	5xx3	Literature to 1900 (excluding single-author courses)
ENG	5xx3	Literature to 1900 (excluding single-author courses)
ENG	5113	Studies in Literary Criticism
ENG	5xx3	British Literature of the 20th and/or 21st Century
ENG	5xx3	American Lit. of the 20th and/or 21st Century
ENG	5xx3	Approved 20th & 21st Century Lit. Elective
ENG	5xx3	Approved 20th & 21st Century Lit. Elective
ENG	5xx3	Approved 20th & 21st Century Lit. Elective

**General Electives.....4+ Hours**  
 With Advisor approval

**TOTAL HOURS REQUIRED ..... 34 HOURS**



<b>Program:</b>	English	<b>Dept:</b>	English
<b>Major:</b>	Creative Writing	<b>College:</b>	Liberal Arts
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	5602

**English – Creative Writing, M.A.**

Students seeking the M.A. in English with a creative writing major pursue a program of study that includes both writing workshops and historically-focused literature seminars. Students in this major are required to complete a thesis consisting of an original, sustained, creative work.

<b>Graduate Advisor:</b>	<b>Dr. Steve Garrison</b>
Email:	<a href="mailto:sgarrison@uco.edu">sgarrison@uco.edu</a>
Office:	THH 312
Phone:	(405) 974 - 5847

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Transcripts must show: \*
  - A minimum 2.50 GPA overall or 2.50 GPA in the last 60 hours attempted.
  - Completion of 24 undergraduate hours in English at the 2000 level or higher with a 2.75 GPA and other prerequisites (if any) as determined by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

\* *Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than six hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Language Requirement. Demonstrate reading knowledge of one foreign language in one of the following ways:
  - Pass a foreign language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
  - Produce evidence of having earned a "C" or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

- Thesis. Complete a thesis and successfully defend it in public. Send two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....3 Hours**

Course Prefix	Course No.	Course Title
ENG	5113	Studies in Literary Criticism

**Area Requirements.....15 Hours**

Complete one course in each of the five areas from the following list

Course Prefix	Course No.	Course Title
ENG	5xx3	Pre 16th Century Literature
ENG	5xx3	16th Century Literature
ENG	5xx3	17th Century Literature
ENG	5xx3	18th Century Literature
ENG	5xx3	19th Century Literature
ENG	5xx3	American Literature Prior to 1900
ENG	5xx3	20th and/or 21st Century Literature

**Complete two 3-hour applied writing courses in the genre of the thesis.....6 Hours**

**General Electives.....6+ Hours**

**Thesis Hours.....4 Hours**

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** English **Dept:** English  
**Major:** Teaching English as a Second Language **College:** Liberal Arts  
**Degree:** Master of Arts (M.A.) **Major Code:** 5603

**English – TESL, M.A.**

Students seeking the M.A. in English with a TESL major pursue an interdisciplinary program of studies in language acquisition including courses in theory, methodology, and language structure.

**Graduate Advisor:** **Dr. John Hitz**  
 Email: [jhitz@uco.edu](mailto:jhitz@uco.edu)  
 Office: LAR 105G  
 Phone: (405) 974 - 5628

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Transcripts must show: \*
  - A minimum 2.50 GPA overall or 2.50 GPA in the last 60 hours attempted.
  - Completion of 24 undergraduate hours in English at the 2000 level or higher with a 2.75 GPA and other prerequisites (if any) as determined by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
  - At least 20 of the 32 total hours must be in Graduate English courses.
- Language Requirement. Demonstrate reading knowledge of one foreign language in one of the following ways:
  - Pass a foreign language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
  - Produce evidence of having earned a "C" or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

- Thesis or Comprehensive Examination Option:
  - Thesis option: Complete a thesis (with a minimum of one thesis hour) and successfully defend it in public, provide two paper copies of the thesis and one electronic copy to the library through Proquest and the title page, original signature page, summary and abstract page to the JCGS.
  - Comprehensive Examination option: Enroll in ENG 5891 and write a four to six-hour examination on the designated examination day. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her advisory committee.
  - 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.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....24 Hours**

Course Prefix	Course No.	Course Title
PTE	5013	Foundations of Educational Research, <b>OR</b>
ENG	5013	Bibliography & Methods of Research
ENG	5343	Linguistics
ENG	5413	TESL Grammar
TESL	5313	Testing and Evaluation
TESL	5763	Second Language Acquisition
TESL	5783	Teaching English as a Second Language
ENG	5xx3	Literature before 1900
ENG	5xx3	Literature after 1900

**General Electives.....10+ Hours**  
 With Advisor approval

**TOTAL HOURS REQUIRED ..... 34 HOURS**



**Program:** English **Dept:** English  
**Major:** Traditional Studies **College:** Liberal Arts  
**Degree:** Master of Arts (M.A.) **Major Code:** 5604

**English – Traditional Studies, M.A.**

Students seeking the M.A. in English with a Traditional Studies major pursue a program of studies in British and American literature focusing on an extensive range of authors, genres, and historical periods.

**Graduate Advisor:** Dr. Amy Carrell  
 Email: [acarell@uco.edu](mailto:acarell@uco.edu)  
 Office: LAR 101A  
 Phone: (405) 974 - 5609

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Transcripts must show: \*
  - A minimum 2.50 GPA overall or 2.50 GPA in the last 60 hours attempted.
  - Completion of 24 undergraduate hours in English at the 2000 level or higher with a 2.75 GPA and other prerequisites (if any) as determined by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
  - At least 20 of the 32 total hours must be in graduate English courses.
- Language Requirement. Demonstrate reading knowledge of one foreign language in one of the following ways:
  - Pass a foreign language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
  - Produce evidence of having earned a "C" or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

- Thesis or Comprehensive Examination Option:
  - Thesis option: Complete a thesis (with a minimum of one thesis hour) and successfully defend it in public, provide two paper copies of the thesis and one electronic copy to the library through Proquest and the title page, original signature page, summary and abstract page to the JCGS.
  - Comprehensive Examination option: Enroll in ENG 5891 and write a four to six-hour examination on the designated examination day. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her advisory committee.
  - 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.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....6 Hours**

Course Prefix	Course No.	Course Title
ENG	5013	Bibliography & Methods of Research
ENG	5113	Studies in Literary Criticism

**Area Requirements.....18 Hours**

One course in each of the six areas from the following list:

Course Prefix	Course No.	Course Title
ENG	5xx3	British Lit. of the Elizabethan Age or Before
ENG	5xx3	British Literature of the 17th Century
ENG	5xx3	British Literature of the 18th Century
ENG	5xx3	British Literature of the 19th Century
ENG	5xx3	American Literature to 1900
ENG	5xx3	20th or 21st Century British or American Lit.
ENG	5xx3	Composition and Rhetoric

**General Electives.....10+ Hours**

With Advisor approval

**TOTAL HOURS REQUIRED ..... 34 HOURS**

<b>Program:</b>	<b>Gerontology</b>	<b>Dept:</b>	Sociology, Gerontology and Substance Abuse Studies
<b>Major:</b>	Gerontology	<b>College:</b>	Liberal Arts
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	5650

**Gerontology, M.A.**

The Adult Education – Gerontology major 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 emphasis in the Gerontology major is on the "humanistic" approach, recognizing that aging is a developmental state.

Anticipated interest groups for Gerontology major:

- Students interested in working with the elderly
- Nursing home personnel, including administrators, activity directors, and nurses
- People in health occupations
- 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)

<b>Graduate Advisor:</b>	<b>Dr. Doug Reed</b>
Email:	<a href="mailto:dreed@uco.edu">dreed@uco.edu</a>
Office:	LAR 201D
Phone:	(405) 974 - 5803

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show a minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Writing Assessment. Complete a writing assessment with passing score.
- Thesis. If applicable, complete an acceptable thesis and successfully defend it publicly, submit two paper copies of the thesis to the library and one electronic copy to the library through Proquest, and submit the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by the advertised deadline.

**Graduation Requirements**

**Required Courses.....13 Hours**

Course Prefix	Course No.	Course Title
GERO	5023	Orientation to Gerontology
GERO	5743	Gerontology Colloquium
GERO	5823	Gerontology Research
GERO	5900	Practicum in Gerontology, <b>OR</b>
GERO	5900	Thesis

**Guided Electives..... 14-15 Hours**

Course Prefix	Course No.	Course Title
GERO	5213	Health & Social Services for Seniors
GERO	5342	Politics of Aging
GERO	5363	Psychology of Aging
GERO	5443	Biology of Human Aging
GERO	5463	Bereavement Counseling
GERO	5523	Qualitative Gerontology
GERO	5731	Drug Issues for Older Adults
SOC	5053	Sociology of Aging
ADED	5313	Techniques of Teaching Adults
ADED	5453	Psychology of Adult Development

**Electives (Advisor Approval Required) ..... 4-5 Hours**

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	History	<b>Dept:</b>	History & Geography
<b>Major:</b>	History	<b>College:</b>	Liberal Arts
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	5610

**History, M.A.**

This option is designed for those who wish to further their knowledge of history and the historian's craft, prepare for doctoral programs, or pursue other professional goals.

<b>Graduate Advisor:</b>	<b>Dr. Lindsey Churchill</b>
Email:	<a href="mailto:lchurchill@uco.edu">lchurchill@uco.edu</a>
Office:	LAR 202C
Phone:	(405) 974 - 5671

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- One-page cover letter (statement of interest) explaining why the applicant wishes to pursue the M.A. in history.
- Writing sample (research paper or seminar paper).
- Two letters of recommendation.
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Complete 18 undergraduate hours in History with a GPA of 3.0.
  - Complete HIST 3113 Historical Research with a minimum grade of "B" or be able to demonstrate research ability as determined by the graduate program director and the Chair of the Department of History and Geography. HIST 3113 may count as part of the 18 undergraduate hours in History (in part b.)
- The Graduate Records Examination (GRE) may be used for admission if the undergraduate GPA does not meet the minimum required. A score of 150 on the verbal portion and 4.0 on the writing assessment is required. See graduate program director for further information on the GRE score changes (pending Regent approval).
- Complete other prerequisites (if any) as determined by the graduate program director.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program director and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program director before it can be considered official.

- Advisory Committee. Create an Advisory Committee before the second semester of enrollment. An Advisory Committee of three faculty members will 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 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.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six director-approved hours from traditional correspondence courses.
  - In addition to the Required Core Courses (HIST 5013 and HIST 5910 Research Seminar) a minimum of six hours from courses offered at the 5000-level (not cross-listed with a 4000-level course) is required.
- Language Requirement. Demonstrate reading knowledge of a second language in one of the following ways:
  - Pass a language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in two sequenced courses in the one language (6 to 10 credit hours). These hours will not count toward the M.A. degree.
  - Produce evidence of having earned a "C" or better in two sequenced courses in the one language (6 to 10 credit hours) at an accredited college or university. These hours will not count toward the M.A. degree.
- Thesis or Comprehensive Examination Option.
  - Thesis Option: Prepare a prospectus and meet with the advisory committee during the early stages of thesis work for review and feedback. Complete an acceptable thesis (six credit hours) and successfully defend it in public, provide two paper copies of the thesis and one electronic copy to the library through Proquest and the title page, original signature page, summary and abstract page to the JCGS.
  - Comprehensive Examination Option: Upon satisfactory completion of the written examination, the student will take a one-hour oral examination administered by the advisory committee.
  - Achieve a minimum score of "pass" on the thesis defense or comprehensive examination. With the approval of the graduate program director, a student who fails the thesis defense or comprehensive examination may petition to be reexamined in the graduate examination period the following semester.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

*continued...*

**Program:**  
**Major:**

**History**  
**History continued**

**Graduation Requirements**

**Required Courses.....6 Hours**

Course Prefix	Course No.	Course Title
HIST	5013	Historiography
HIST	5910	Seminar in Hist. - Must be research seminar; cannot be cross-listed with HIST 4910

**Major Field..... 12 Hours in One Field**

Twelve hours in the student's chosen Major Field of History (Europe, United States, Asia, Latin America).

**Secondary Field..... 6 Hours in One Field**

Six hours in the student's chosen Secondary Field of History (Europe, United States, Asia, Latin America, Middle East).

**Guided Electives.....9 Hours**

Additional courses to a total of 33 hours for the degree. This section may include the required thesis hours for students taking the thesis option.

**Additional Stipulations**

- Across the three elective areas, three hours must be taken in each of the following fields: (a) United States, (b) Europe, (c) Asia, Latin America, or Middle East.
- A total of twelve hours must be taken in courses listed only at the graduate level (not cross-listed with an undergraduate course number). The six hours of "Required Courses" (HIST 5013 Historiography and HIST 5910 Research Seminar) count toward these twelve hours of graduate-only courses.

**TOTAL HOURS REQUIRED ..... 33 HOURS**

<b>Program:</b>	History	<b>Dept:</b>	History & Geography
<b>Major:</b>	History - Museum Studies	<b>College:</b>	Liberal Arts
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	5611

### History – Museum Studies, M.A.

This option is designed for those who wish to pursue a career in museums, archives, or other public history areas. Vital to this pursuit is the expansion of the knowledge of history and the historian's craft.

<b>Graduate Advisor:</b>	<b>Dr. Lindsey Churchill</b>
Email:	<a href="mailto:lchurchill@uco.edu">lchurchill@uco.edu</a>
Office:	LAR 202C
Phone:	(405) 974 - 5671

### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- One-page cover letter (statement of interest) explaining why the applicant wishes to pursue the M.A. in history.
- Writing sample (research paper or seminar paper).
- Two letters of recommendation.
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Complete 18 undergraduate hours in History with a GPA of 3.0.
  - Complete HIST 3113 Historical Research with a minimum grade of "B" or be able to demonstrate research ability as determined by the graduate program director and the Chair of the Department of History and Geography. HIST 3113 may count as part of the 18 undergraduate hours in History (in part b.)
- The Graduate Records Examination (GRE) may be used for admission if the undergraduate GPA does not meet the minimum required. A score of 150 on the verbal portion and 4.0 on the writing assessment is required. See graduate program director for further information on the GRE score changes (pending Regent approval).
- Complete other prerequisites (if any) as determined by the graduate program director.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

### Other Requirements

- Plan of Study. Each student must file a plan of study with his/her graduate program director and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program director before it can be considered official.

- Advisory Committee. Create an Advisory Committee before the second semester of enrollment. An Advisory Committee of three faculty members will 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 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.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six director-approved hours from traditional correspondence courses.
  - In addition to the Required Core Courses (HIST 5013 and HIST 5910 Research Seminar) a minimum of six hours from courses offered at the 5000-level (not cross-listed with a 4000-level course) is required.
- Language Requirement. Demonstrate reading knowledge of a second language in one of the following ways:
  - Pass a language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies.
  - Earn a "C" or better in two sequenced courses in the one language (6 to 10 credit hours). These hours will not count toward the M.A. degree.
  - Produce evidence of having earned a "C" or better in two sequenced courses in the one language (6 to 10 credit hours) at an accredited college or university. These hours will not count toward the M.A. degree.
- Thesis or Comprehensive Examination Option.
  - Thesis Option: Prepare a prospectus and meet with the advisory committee during the early stages of thesis work for review and feedback. Complete an acceptable thesis (six credit hours) and successfully defend it in public, provide two paper copies of the thesis and one electronic copy to the library through Proquest and the title page, original signature page, summary and abstract page to the JCGS.
  - Comprehensive Examination Option: Upon satisfactory completion of the written examination, the student will take a one-hour oral examination administered by the advisory committee.
  - Achieve a minimum score of "pass" on the thesis defense or comprehensive examination. With the approval of the graduate program director, a student who fails the thesis defense or comprehensive examination may petition to be reexamined in the graduate examination period the following semester.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

*continued...*

**Program:** History  
**Major:** History - Museum Studies continued

**Graduation Requirements**

**Required Courses.....18 Hours**

Course Prefix	Course No.	Course Title
HIST	5013	Historiography
HIST	5523	Museum Management
HIST	5623	Museum Theory & Practice
HIST	5910	Seminar in Hist. - Must be research seminar; cannot be cross-listed with HIST 4910
HIST	5950	Internship - (6 Hours) - Must be under supervision of Director of Museum Studies. Hours may be taken in one semester or split over two semesters.

**Guided Electives.....15 Hours**

- Complete 6 hours of any graduate History courses
- Complete 9 Hours of any graduate History or other graduate courses
- All History electives or other electives must be approved by the student's advisor committee and may include thesis hours.

**TOTAL HOURS REQUIRED ..... 33 HOURS**



<b>Program:</b>	Liberal Studies	<b>Dept:</b>	Humanities and Philosophy
<b>Major:</b>	Liberal Studies	<b>College:</b>	Liberal Arts
<b>Degree:</b>	Master of Arts (M.A.)	<b>Major Code:</b>	Code

### Liberal Studies, M.A.

Students who have completed a Master of Arts in Liberal Studies will be expected to exhibit enhanced capacities for both “analytic” and “synthetic” thought, particularly in the areas of critical inquiry and aesthetic analysis. In addition to the “who, what, when, and where,” or the content of their educational experience, students will focus on the more important issues of “why and how”. These cognitive skills should be particularly evidenced in the analysis of diverse civilizations and their creative and philosophic contributions to the global community.

The objectives of the Liberal Studies program are:

- Students will think and write critically about the major traditions of Western civilization;
- Students will comprehend the fundamental systems of analysis for a multitude of cultural disciplines, such as philosophy, art, literature, architecture, religion, music, and history, while understanding the interrelatedness of these subsets of the humanities;
- Students will apply these critical skills toward analysis of global cultures and cultural artifacts;
- Students will learn to identify the core processes of creativity used in the construction of products of human cultures, such as art, literature, music, philosophy, religion, and architecture;
- Students will synthesize the fundamental components of mature global citizenship by engaging the various civilizations and creative traditions of the globe, with an emphasis on the Western tradition.

<b>Graduate Advisor:</b>	<b>Dr. Stephen C. Law</b>
Email:	<a href="mailto:slaw@uco.edu">slaw@uco.edu</a>
Office:	LAR 203C
Phone:	(405) 974 - 5615

### Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from an accredited institution. Transcripts must show a minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
- Completion of 18 hours in one or more disciplines of the Liberal Arts with a minimum GPA of 3.00
- The Graduate Records Examination (GRE) may be used for admission if the undergraduate GPA does not meet the minimum requirement. A score of 153 (500 on the unrevised score scale) on the verbal portion and a 4.0 on the writing assessment is required.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

### Other Requirements

- Plan of Study. Each student must develop a Plan of Study with his/her graduate program advisor and file it with the Jackson College of Graduate Studies by the end of his/her first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - No more than six (6) hours of “C”; and
  - No more than six (6) advisor-approved hours from traditional correspondence courses (i.e., S.P.O.C. courses).

- Demonstrate reading knowledge for one foreign language (which must be approved by the Graduate Advisor) in one of the following ways:
  - Pass a foreign language reading examination administered by the Department of Modern Languages, Literatures, and Cultural Studies or other recognized language exam equivalent to second semester mastery;
  - Earn a “C” or better in a minimum of six (6) credit hours for a single foreign language at the University of Central Oklahoma. These hours will not count toward the M.A. degree;
  - Produce evidence of having earned a “C” or better in a minimum of six (6) credit hours in a single foreign language at an approved college of university. These hours will not count toward the M.A. degree.
- Thesis or Comprehensive Examination Options:
  - Thesis Option:
    - Complete a thesis (with a minimum of three hours and a maximum of six);
    - Successfully defend it in a public and preannounced oral defense;
    - Provide two paper copies of the thesis and one electronic copy to the library through Proquest, and the title page, original signature page, and abstract page to the JCGS.
  - Comprehensive Examination Option
    - Write a four- to six-hour examination on the designated examination day. The examination may be done either by hand or on a laptop provided by the department.
    - Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her advisory committee.
  - In the event of unsatisfactory performance on either the defense of the thesis or the comprehensive examination, the student may petition to be re-examined at later date determined by the Graduate Advisor. Re-examination or re-defending a thesis will be allowed only twice.

*continued...*

**Program:** Liberal Studies  
**Major:** Liberal Studies continued

**Graduation Requirements****Required Courses.....13 Hours**

Course Prefix	Course No.	Course Title
HUM	5113	Ancient Traditions
HUM	5133	Medieval Traditions
HUM	5203	Early Modern Traditions
HUM	5213	Modern and Contemporary Traditions
HUM	5521	Methods for Liberal Study

**Guided Electives.....21 Hours**

All students must select either the thesis or comprehensive examination option.

Up to six hours taken in other UCO programs, with approval from Graduate Advisor.

Course Prefix	Course No.	Course Title
HUM	5103	Pagan Europe
HUM	5113	World Religions
HUM	5133	Women, Witches, and Religion
HUM	5223	Jerusalem: One City/Three Religions
HUM	5303	National Cinemas
HUM	5083	Advanced Film Criticism
HUM	5153	Enlightenment Traditions
PHIL	5163	Philosophy of Science
PHIL	5323	Philosophical Issues in Social Science
PHIL	5323	Philosophy of Religion
PHIL	5343	Philosophy of Morality
PHIL	5363	Philosophy of History
HUM	5910	On Human Nature
HUM	5910	The Heroic Tradition
HUM	5910	Women in the Humanities
HUM	5910	Western Mysticism
HUM	5910	Traditions of the Romantic Era
PHIL	5910	Philosophy of Music
HUM	5910	Eastern Traditions

**TOTAL HOURS REQUIRED ..... 34 HOURS**

**Program:** Political Science      **Dept:** Political Science  
**Major:** Political Science      **College:** Liberal Arts  
**Degree:** Master of Arts (M.A.)      **Major Code:** 5620

**Political Science, M.A.**

This option is designed to enable students to achieve competence in political science – teaching, research, government-related work, 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 sub-fields.

**Graduate Advisor:** Dr. Jan Hardt  
 Email: [jhardt@uco.edu](mailto:jhardt@uco.edu)  
 Office: LAR 102B  
 Phone: (405) 974 - 5840

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions.
- A student may be admitted by one of the three following methods.
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Achieve GRE scores of 150 Verbal and 140 Math, and 4.0 or higher in writing.
  - Possess a Master’s degree or higher from a regionally accredited university/college with an overall GPA of 3.00.
- Complete eighteen (18) undergraduate hours in Political Science and other prerequisites (if any), as determined by the graduate program advisor.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must develop a Plan of Study with his/her graduate program advisor and file it with the Jackson College of Graduate Studies by the end of his/her first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - No more than six (6) hours of advisor-approved of independent study courses; and,
  - No more than three (3) hours of advisor approved internship credit.

- Competency Examination. Achieve a minimum score of “pass” on the M.A. Comprehensive Examination in one of the following subject areas: American Politics, International Relations, Comparative Politics, Public Administration, or Public Law. With the approval of the graduate program advisor, a student may retake this examination one time. A second failure will result in dismissal from the program.
- Completion of 36 hours: 24 hours of Required Courses plus Guided Electives, and 12 hours of General Electives.
- Thesis/Capstone Paper. Complete a Capstone Paper or Thesis. Thesis option requires a successful public defense, submission of two paper copies and one electronic copy to the library through Proquest, and the thesis’ original title page, original signature page, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses..... 15 or 18 Hours**  
 \*(15 hours - Capstone option; 18 hours - Thesis option)

Course Prefix	Course No.	Course Title
POL	5023	Scope of the Discipline
POL	5033	Research Methods
POL	5153	American Politics
POL	5813	Political Philosophy
POL	5990	Thesis (6 hours), <b>OR</b>
POL	5983	Capstone Paper (3 hours)

**Guided Electives..... 6 or 9 Hours**  
 \*(9 hours - Capstone option; 6 hours - Thesis option)

From the following list:

Course Prefix	Course No.	Course Title
POL	5223	Presidency & Executive Branch
POL	5253	The Congress
POL	5263	Judicial Process
POL	5603	Theories of International Relations
POL	5703	Theories of Comparative Politics
POL	5910	Seminar in Political Science

**General Electives.....12 Hours**

**TOTAL HOURS REQUIRED ..... 36 HOURS**

**Program:** Political Science      **Dept:** Political Science  
**Major:** Political Science - International Affairs      **College:** Liberal Arts  
**Degree:** Master of Arts (M.A.)      **Major Code:** 5621

**Political Science – International Affairs, M.A.**

This option is designed to enable students to achieve competence in political science – teaching, research, government-related work, 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.

**Graduate Advisor:** Dr. Jan Hardt  
 Email: [jhardt@uco.edu](mailto:jhardt@uco.edu)  
 Office: LAR 102B  
 Phone: (405) 974 - 5840

**Admission Requirements**

- Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034
- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
  - Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions.
  - A student may be admitted by one of the three following methods.
    - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
    - Achieve GRE scores of 150 Verbal and 140 Math, and 4.0 or higher in writing.
    - Possess a Master’s degree or higher from a regionally accredited university/college with an overall GPA of 3.00.
  - Complete eighteen (18) undergraduate hours in Political Science and other prerequisites (if any), as determined by the graduate program advisor.
  - Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
 

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must develop a Plan of Study with his/her graduate program advisor and file it with the Jackson College of Graduate Studies by the end of his/her first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - No more than six (6) hours of advisor-approved of independent study courses; and,
  - No more than three (3) hours of advisor approved internship credit.

- Competency Examination. Achieve a minimum score of “pass” on the M.A. Comprehensive Examination in one of the following subject areas: American Politics, International Relations, Comparative Politics, Public Administration, or Public Law. With the approval of the graduate program advisor, a student may retake this examination one time. A second failure will result in dismissal from the program.
- Completion of 36 hours: 24 hours of Required Courses plus Guided Electives, and 12 hours of General Electives.
- Thesis/Capstone Paper. Complete a Capstone Paper or Thesis. Thesis option requires a successful public defense, submission of two paper copies and one electronic copy to the library through Proquest, and the thesis’ original title page, original signature page, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses..... 15 or 18 Hours**  
 \*(15 hours - Capstone option; 18 hours - Thesis option)

Course Prefix	Course No.	Course Title
POL	5023	Scope of the Discipline
POL	5033	Research Methods
POL	5153	American Politics
POL	5813	Political Philosophy
POL	5990	Thesis (6 hours), <b>OR</b>
POL	5983	Capstone Paper (3 hours)

**Guided Electives..... 6 or 9 Hours**  
 \*(9 hours - Capstone option; 6 hours - Thesis option)

Course Prefix	Course No.	Course Title
POL	5603	Theories of International Relations
POL	5703	Theories of Comparative Politics

**General Electives.....12 Hours**

**TOTAL HOURS REQUIRED ..... 36 HOURS**

**Program:** Master of Public Administration **Dept:** Political Science  
**Major:** Public Administration **College:** Liberal Arts  
**Degree:** Master of Public Administration (M.P.A.) **Major Code:** 5680

**Master of Public Administration, M.P.A.**

This Master of Public Administration program is an applied management and policy degree that prepares students for careers and positions of leadership in local, state, tribal, and federal governments, private firms doing business with governments, and nonprofit organizations.

The objectives of this MPA program are to help students develop their abilities to (1) lead and manage in public governance and nonprofit administration in order to improve the quality of life of communities, states, and regions within the context of a globalized environment, (2) make substantive contributions to the public policy process through active and meaningful participation, (3) make effective and timely administrative decisions based on sound critical analysis, (4) articulate and apply ethically sound public service ideals and perspectives informed by credible theory and evidence-based research, and (5) communicate and engage productively with a diverse and changing citizenry and public workforce.

**Graduate Advisor:** **Dr. Jan Hardt**  
 Email: [jhardt@uco.edu](mailto:jhardt@uco.edu)  
 Office: LAR 102B  
 Phone: (405) 974 - 5840

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions.
- A student may be admitted by one of the three following methods.
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - GRE scores. The student must obtain a score of 150 on the Verbal portion of the GRE, 145 on the Quantitative portion of the GRE, and 4.5 on the Writing portion of the GRE (pending Regent approval).
  - Possess a master’s degree from an accredited university/college with an overall GPA of 3.00.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must develop a plan of study with his/her program advisor and file it with the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - No more than 6 advisor-approved hours of independent study courses.

- Core Competency Examination. Achieve a minimum score of “pass” on the Public Administration competency examination. Examinations will be established on a schedule determined by the graduate program advisor. Students may retake an examination only once and only upon approval of the graduate program advisor.
- Course Completion. Completion of 36 hours: 21 hours of core courses including 3 hours of capstone paper, 9 hours selected from guided electives and 6 hours of general electives.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....21 Hours**

Course Prefix	Course No.	Course Title
POL	5033	Research Methods
POL	5193	Public Finance and Budgeting
POL	5293	Public Administration Dynamics
POL	5413	Public Policy Analysis
POL	5423	Public Executive Leadership
POL	5473	Public Sector Human Resources
POL	5983	Capstone Paper

*continued...*

**Program:** Master of Public Administration  
**Major:** Public Administration continued

**Guided Electives.....9 Hours**

(Courses offered on a rotating basis)

Course Prefix	Course No.	Course Title
POL	5013	Urban History of Policy/Admin
POL	5043	Municipal Management
POL	5113	Advanced Contemporary Problems
POL	5123	Problems - The Budgetary Process
POL	5133	Problems - State & Urban Government
POL	5153	American Politics
POL	5163	Intergovernmental Relations
POL	5173	Urban Planning and Politics
POL	5203	Public Organizational Theory
POL	5223	Presidency & Executive Branch
POL	5353	Ethics in the Public Service
POL	5433	Minority Politics & Policy
POL	5443	Environmental Politics
POL	5453	Cases in Public Administration
POL	5463	Managing Nonprofit Organizations
POL	5483	Administrative Law
POL	5513	Public Program Evaluation
POL	5523	Urban Housing Policy
POL	5533	Dispute Resolution/Negotiation
POL	5543	State Administration & Policy
POL	5653	International Organization
POL	5783	Health Policy & Administration
POL	5930	Individual Study in Government
POL	5950	Internship

**General Electives.....6 Hours**

Course Prefix	Course No.	Course Title
POL	5023	Scope of the Discipline
POL	5273	International Politics Risk Analysis
POL	5323	Constitution & Criminal Procedure
POL	5333	Constitution & Civil Liberties
POL	5553	Espionage and Intelligence
POL	5623	American Foreign Policy
POL	5643	International Security Studies
POL	5663	Politics and the World Economy

**TOTAL HOURS REQUIRED ..... 36 HOURS**



**Program:** Substance Abuse Studies      **Dept:** Sociology, Gerontology and Substance Abuse Studies  
**Major:** Substance Abuse Studies      **College:** Liberal Arts  
**Degree:** Master of Arts (M.A.)      **Major Code:** 5640

**Substance Abuse Studies, M.A.**

The Oklahoma state legislature created a license for substance abuse counselors in 2004. Among the innovations contained in this law was the requirement that a licensed alcohol and drug counselor (LADC) not only have a master’s degree but that the degree shall be in “...alcohol and substance abuse counseling...” or a master’s degree in a behavioral science or counseling related field which is “content-equivalent” to a graduate degree in alcohol and substance abuse counseling. The law also specifies knowledge areas known as “the twelve core functions” as well as graduate hours (Title 59. Chapter 43B-Licensed Alcohol and Drug).

The graduate degree in substance abuse studies will assist students to develop their skills not only in the therapeutic areas, but also in the area of social advocacy for better treatment/facilities. Leadership/management skill development will be stressed in order to keep pace with the field’s quickly evolving standards of best practices and legal/political changes. Moreover, the graduate degree will promote sound research supporting proper advancements in the treatment of the debilitating diseases of substance abuse and dependency. Training students to be competent licensed professionals in their field supports both primary goals of the UCO Mission Statement: 1) to provide excellent education enabling students to achieve their intellectual, professional, personal, and creative potential; and 2) to contribute to the intellectual, cultural, economic and social advancement of the communities and individuals it serves.

**Graduate Advisor:** Dr. J. Keith Killian  
**Email:** [jkillian@uco.edu](mailto:jkillian@uco.edu)  
**Office:** LAR 201A  
**Phone:** (405) 974 - 5534

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions and show:
  - A minimum 2.75 GPA overall or 3.00 GPA in the last 60 hours.
  - Completion of 18 hours in Substance Abuse studies or behavioral science with a GPA of 3.00.
- Application will be allowed for those candidates possessing a master’s degree from an appropriately accredited university/college in a behavioral science.
- Applicants shall submit a one (1) page paper at the time of application stating, “Why I will be successful as a Licensed Alcohol and Drug Counselor.”
- Three (3) letters of recommendation, one (1) must be from a Licensed Drug and Alcohol Counselor, or the equivalent licensure from another state, submitted at the time of application.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Thesis or equivalent option:
  - Thesis option: Complete an acceptable thesis and successfully defend it in public. Send two paper copies and one electronic copy of the thesis to the library through Proquest, and submit the thesis’ title page, original signature page, summary and abstract page to the JCGS.

- Field/Independent study option: Complete field research in Substance Abuse Treatment outcome and Clinical Evaluation as guided by the SAS graduate program advisor, submitting the results in paper form to the graduate advisor. (Three to six hours credit). This research report will be presented in an appropriate setting as designated by the SAS graduate program advisor. (e.g., Graduate classroom, Symposium, Awareness event, etc.).
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher;
  - No more than 6 hours of “C” and,
  - No more than 6 advisor-approved hours from traditional correspondence course.
  - Thirty-six hours of the required curriculum
  - Three to six hours of field study.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses..... 42-45 Hours**

Course Prefix	Course No.	Course Title
SAS	5113	Foundations of Addiction
SAS	5223	Advanced Individual Counseling
SAS	5313	Advanced Family Counseling
SAS	5323	Psychopharmacology and Neurobiology of Addiction
SAS	5353	Advanced Group Dynamics
SAS	5413	Psychopathology & Co-occurring Disorders
SAS	5433	Adv. Human Devel. for Subst. Abuse Profs.
SAS	5443	Family Systems Theory
SAS	5513	Adv. Fam. Cnslg for Co-occurring Disorders
SAS	5523	Cultural Sensitivity for Addiction Treatment
SAS	5613	Research in Substance Abuse Studies
SAS	5633	Counseling the Abused
SAS	5940	Field Study (3 - 6 cr hours)
SAS	5xx3	Capstone in Substance Abuse Studies (3 hrs)

**TOTAL HOURS REQUIRED ..... 42-45 HOURS**

# COLLEGE OF MATHEMATICS AND SCIENCE

ACADEMIC DEGREE PROGRAMS



## College of Mathematics and Science

Howell Hall, Room 208

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Email: [kclare@uco.edu](mailto:kclare@uco.edu)

Website: [www.cms.uco.edu/](http://www.cms.uco.edu/)

Dr. John Barthell, Dean

Dr. Charlotte Simmons, Associate Dean

Dr. Wei Chen, Assistant Dean

Dr. Evan Lemley, Assistant Dean

Dr. Jesse Bryne, Assistant Dean

### Department Chairs

Dr. Gloria Caddell, Biology

Dr. Anne Ewing, Assistant Chair

Dr. Luis Montes, Chemistry

Dr. Dallas New, Assistant Chair

Dr. Gang Qian, Computer Science

Dr. Hong Sung, Assistant Chair

Dr. John Fritch, Chair, Funeral Service

Dr. Angela Knight, Assistant Chair

Dr. Jesse Byrne, Mathematics and Statistics

Dr. Tracy Morris, Assistant Chair

Dr. Linda Rider, Nursing

Dr. Nancy Dentlinger, Assistant Chair

Dr. Baha Jassemnejad, Engineering

Dr. Ron Miller, Assistant Chair

The names of graduate program advisors appear on the program degree sheets on the following pages.

At the graduate level, the College of Mathematics and Science awards the following degrees:

#### Master of Science (M.S.)

- Applied Mathematics & Computer Science
- Applied Mathematical Science
  - Mathematics
  - Statistics
  - Teaching
- Biology
- Engineering Physics
  - Biomedical Engineering
  - Electrical Engineering
  - Mechanical Engineering
  - Physics
- Nursing

**Program:** Applied Mathematics and Computer Science  
**Major:** Applied Mathematics and Computer Science  
**Degree:** Master of Science (M.S.)

**Dept:** Mathematics & Statistics / Computer Science  
**College:** Mathematics and Science  
**Major Code:** 6660

**Applied Mathematics and Computer Science, M.S.**

This major is designed to prepare students to meet the demands of industry, business, and government for individuals with expertise in advanced applications of mathematics and computer science. While ensuring sound mathematical training, the degree program also concentrates on widely applicable computer science principles and provides further development of problem-solving skills.

**Graduate Advisor (Math):** **Dr. Michael Fulkerson**  
 Email: [mfulkerson@uco.edu](mailto:mfulkerson@uco.edu)  
 Office: MCS 142  
 Phone: (405) 974 - 5575

**Graduate Advisor (Comp. Sci.):** **Dr. Hong Sung**  
 Email: [hsung@uco.edu](mailto:hsung@uco.edu)  
 Office: MCS 132  
 Phone: (405) 974 - 5385

- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public. Submit two paper copies of the thesis and one electronic copy to the library through Proquest and submit the thesis' title page, original signature page, summary, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:\*
  - A minimal 3.00 GPA overall and 3.00 GPA in the last 60 hours attempted.
  - Completion of the following prerequisite courses: Matrix Algebra or Linear Algebra, Differential Equations, Statistical Methods I, and Data Structures.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C" or lower.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Competency Examination. Achieve a minimum score of "pass" on competency exam.  
 NOTE: Request for re-examination will not be granted more than one time.

**Graduation Requirements**

**Required Courses.....24 Hours**

Course Prefix	Course No.	Course Title
CMSC	5043	Applied Database Management
CMSC	5053	Operating Systems, <b>OR</b>
CMSC	5063	Networks
CMSC	5283	Software Engineering
CMSC	5023	Programming Languages, <b>OR</b>
CMSC	5273	Theory of Computing
MATH	5113	Operations Research I
MATH	5143	Advanced Calculus for Applications
MATH	5853	Introduction to Research
STAT	5263	Computer Applications in Statistics

**Guided Electives.....9 Hours**

From MATH or STAT Courses ..... 3-6 Hours  
 From CMSC Courses..... 3-6 Hours

**Thesis, Project, or Additional Course Work.....3 Hours**

Course Prefix	Course No.	Course Title
MATH	5980	Graduate Project, <b>OR</b>
MATH	5990	Graduate Thesis, <b>OR</b>
CMSC	5980	Graduate Project, <b>OR</b>
CMSC	5990	Graduate Thesis, <b>OR</b>
MATH	5xxx	Graduate MATH Course, <b>OR</b>
STAT	5xxx	Graduate STAT Course, <b>OR</b>
CMSC	5xxx	Graduate CMSC Course

**TOTAL HOURS REQUIRED ..... 36 HOURS**

<b>Program:</b>	Applied Mathematical Science	<b>Dept:</b>	Mathematics and Statistics
<b>Major:</b>	Applied Mathematical Science - Mathematics	<b>College:</b>	Mathematics and Science
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	6621

**Applied Mathematical Science – Mathematics, M.S.**

This major 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.

<b>Graduate Advisor:</b>	<b>Dr. Michael Fulkerson</b>
Email:	<a href="mailto:mfulkerson@uco.edu">mfulkerson@uco.edu</a>
Office:	MSC 142
Phone:	(405) 974 - 5575

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)). Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimal 3.00 GPA overall and 3.00 GPA in the last 60 hours attempted.
  - Completion of the following prerequisite courses: Matrix Algebra or Linear Algebra, Differential Equations, and Statistical Methods I.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

\* *Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C" or lower.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Competency Examination. Achieve a minimum score of "pass" on competency exam.  
NOTE: Request for re-examination will not be granted more than one time.
- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public. Submit two paper copies of the thesis and one electronic copy to the library through Proquest and submit the thesis' title page, original signature page, summary, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....21 Hours**

Course Prefix	Course No.	Course Title
MATH	5113	Operations Research I
MATH	5143	Advanced Calculus for Applications I
MATH	5153	Advanced Calculus for Applications II
MATH	5263	Numerical Methods
MATH	5453	Mathematical Modeling
MATH	5853	Introduction to Graduate Research
STAT	5263	Computer Applications in Statistics

**Guided Electives.....12 Hours**

From MATH or STAT Courses

**Thesis, Project, or Additional Course Work.....3 Hours**

Course Prefix	Course No.	Course Title
MATH	5980	Graduate Project, <b>OR</b>
MATH	5990	Thesis, <b>OR</b>
MATH	5xxx	Graduate MATH Course, <b>OR</b>
STAT	5xxx	Graduate STAT Course

**TOTAL HOURS REQUIRED ..... 36 HOURS**

<b>Program:</b>	Applied Mathematical Science	<b>Dept:</b>	Mathematics and Statistics
<b>Major:</b>	Applied Mathematical Science - Statistics	<b>College:</b>	Mathematics and Science
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	6622

**Applied Mathematical Science – Statistics, M.S.**

This major 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.

<b>Graduate Advisor:</b>	<b>Dr. Michael Fulkerson</b>
Email:	<a href="mailto:mfulkerson@uco.edu">mfulkerson@uco.edu</a>
Office:	MSC 142
Phone:	(405) 974 - 5575

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimal 3.00 GPA overall and 3.00 GPA in the last 60 hours attempted.
  - Completion of the following prerequisite courses: Matrix Algebra or Linear Algebra, Differential Equations, Mathematical Statistics I, and Statistical Methods I.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
  - \* *Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C" or lower.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Competency Examination. Achieve a minimum score of "pass" on competency exam.
  - NOTE: Request for re-examination will not be granted more than one time.
- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public. Submit two paper copies of the thesis and one electronic copy to the library through Proquest and submit the thesis' title page, original signature page, summary, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....24 Hours**

Course Prefix	Course No.	Course Title
MATH	5113	Operations Research I
MATH	5143	Advanced Calculus for Applications I
MATH	5853	Introduction to Research
STAT	5103	Applied Experimental Design
STAT	5123	Mathematical Statistics II
STAT	5213	Applied Regression Analysis
STAT	5253	Computer Applications in Statistics
STAT	5303	Non-Parametric Statistics

**Guided Electives.....9 Hours**

From MATH or STAT Courses

**Thesis, Project, or Additional Course Work.....3 Hours**

Course Prefix	Course No.	Course Title
MATH	5980	Graduate Project, <b>OR</b>
MATH	5990	Graduate Thesis, <b>OR</b>
MATH	5xxx	Graduate MATH Course, <b>OR</b>
STAT	5xxx	Graduate STAT Course

**TOTAL HOURS REQUIRED ..... 36 HOURS**



**Program:** Applied Mathematical Science      **Dept:** Mathematics and Statistics  
**Major:** Applied Mathematical Science - Teaching      **College:** Mathematics and Science  
**Degree:** Master of Science (M.S.)      **Major Code:** 6623

**Applied Mathematical Science – Teaching, M.S.**

This major 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.

**Graduate Advisor:** Dr. Michael Fulkerson  
 Email: [mfulkerson@uco.edu](mailto:mfulkerson@uco.edu)  
 Office: MSC 142  
 Phone: (405) 974 - 5575

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimal 3.00 GPA overall and 3.00 GPA in the last 60 hours attempted.
  - Completion of the following prerequisite courses: Matrix Algebra or Linear Algebra, Differential Equations, Statistical Methods I.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
  - \* *Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C" or lower.
  - No more than six advisor-approved hours from traditional correspondence courses.
- Competency Examination. Achieve a minimum score of "pass" on competency exam.  
 NOTE: Request for re-examination will not be granted more than one time.
- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public. Submit two paper copies of the thesis and one electronic copy to the library through Proquest and submit the thesis' title page, original signature page, summary, and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Courses.....21 Hours**

Course Prefix	Course No.	Course Title
MATH	5103	The Real Number System
MATH	5113	Operations Research I
MATH	5143	Advanced Calculus for Applications I
MATH	5203	Foundations of Mathematics
MATH	5433	Theory of Functions, <b>OR</b>
MATH	5453	Mathematical Modeling
MATH	5853	Introduction to Research
STAT	5253	Computer Applications in Statistics

**Guided Electives.....12 Hours**

From MATH or STAT Courses

**Thesis, Project, or Additional Course Work.....3 Hours**

Course Prefix	Course No.	Course Title
MATH	5980	Graduate Project, <b>OR</b>
MATH	5990	Graduate Thesis, <b>OR</b>
MATH	5xxx	Graduate MATH Course, <b>OR</b>
STAT	5xxx	Graduate STAT Course

**TOTAL HOURS REQUIRED ..... 36 HOURS**

<b>Program:</b>	Biology	<b>Dept:</b>	Biology
<b>Major:</b>	Biology	<b>College:</b>	Mathematics and Science
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	6600

**Biology, M.S.**

The M.S. Degree in Biology is designed to give students a breadth and depth of training in biology beyond that provided by the baccalaureate degree. The educational breadth that our students achieve through the Biology M.S. degree originates in the requirement that students complete upper level/graduate courses in six core areas: Plant Biology, Animal Biology, Microbiology, Genetics, Ecology, and Cell Biology.

All students choose one of two paths of study. The Field/Laboratory-Thesis Option and the Literature-Thesis Option both provide further educational depth through research and completion of specific courses selected for the students' personalized programs of study.

The Field/Laboratory-Thesis Option provides graduate students with experience in the design, execution, and reporting of scientific research based upon the collection of original data. Graduate students who plan to enter research professions and/or pursue a doctorate degree should enroll in the Field/Laboratory Thesis Option.

The Literature-Thesis option provides graduate students with more graduate coursework than the Field/Laboratory Thesis option. Graduate students who want to reinforce their knowledge of biology for a career as an educator at the secondary or two-year college levels may want to take advantage of this option.

**Graduate Advisor:** Dr. Michelle Haynie  
 Email: [mhaynie@uco.edu](mailto:mhaynie@uco.edu)  
 Office: HOH 200H  
 Phone: (405) 974 - 5774

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Written statement of a graduate faculty member's commitment to serve as mentor/advisor.
- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimal 2.50 GPA overall and 3.00 GPA in the last 60 hours attempted.
  - Completion of 18 undergraduate hours in Biology and other prerequisites (10 hrs chemistry including Organic Chemistry, one course in Physics, Calculus and Statistics with a minimum grade of "C".)
- GRE scores with a preferred minimum overall (quantitative + verbal sections) score of 297 (new scoring system) or 1000 (old scoring system).
- Three letters of recommendation.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).

*Note: Students must meet with faculty mentor/advisor in group or individual advisement session before enrolling.*

**Other Requirements**

- Thesis Advisory Committee. Form a Thesis Advisory Committee and meet with it each semester.
- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.

- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Comprehensive Exam. Complete a comprehensive exam with a minimum score of "pass" in all of the following areas: Animal Biology, Plant Biology, Cell Biology, Microbiology, Genetics, and Environmental Biology/Ecology. Note: With the approval of the graduate program advisor, a student who fails one or more of these exams may once, but only once, retake those exam(s).
- Thesis. Complete an acceptable thesis, present it to the public, and defend it successfully before the Advisory Committee. Submit two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Field/Lab Thesis Option**

**Required Courses.....8 Hours**

Course Prefix	Course No.	Course Title
BIO	4012	Intro. to Biological Research (Only 5000 level course will count toward program for graduate credit), <b>OR</b>
BIO	5012	Intro to Biological Research
BIO	5990	Thesis hours (6 total and spread among semesters)

**Guided Electives.....24 Hours**

Courses chosen in consultation with Thesis Advisory Committee. Original research is a part of the Field/Lab Thesis Option.

**TOTAL HOURS REQUIRED ..... 32 HOURS**

*continued...*

**Program:**  
**Major:**

**Biology**  
**Biology continued**

**Literature Thesis Option**

**Required Courses.....4 Hours**

Course Prefix	Course No.	Course Title
BIO	4012	Intro. to Biological Research (Only 5000 level course will count toward program for graduate credit), <b>OR</b>
BIO	5012	Intro to Biological Research
BIO	5990	Thesis hours (2 total and spread among semesters)

**Guided Electives.....28 Hours**

Courses chosen in consultation with Thesis Advisory Committee.

**TOTAL HOURS REQUIRED ..... 32 HOURS**

NOTE: Each student must complete 32 hours of 5000 level coursework, which includes thesis hours. 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 areas: Plant Biology, Animal Biology, Microbiology, Cellular Biology, Genetics and Environmental Biology. Students who enter the M.S. Biology Program without completing an upper-level course in each core area will be required to complete a 5000 level course in each area in which they are deficient. The Plan of Study should be designed based on this requirement and the student's academic record.

**Program:** Engineering Physics      **Dept:** Engineering and Physics  
**Major:** Biomedical Engineering      **College:** Mathematics and Science  
**Degree:** Master of Science (M.S.)      **Major Code:** 6632

**Engineering Physics - Biomedical Engineering, M.S.**

This major is designed so that its graduates can enter industry/government as practicing engineers or pursue research and teaching careers with government and/or academic institutions. The major also provides advanced study in biomedical engineering, with emphasis in biomedical instrumentation, biomechanics, and medical imaging, for students who intend to pursue a Ph.D. degree in Biomedical Engineering or related fields.

**Graduate Advisor:** Dr. Weldon Wilson  
 Email: [wwilson@uco.edu](mailto:wwilson@uco.edu)  
 Office: HOH 221E  
 Phone: (405) 974 - 5470

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimal 2.75 GPA overall and 3.00 GPA in the last 60 hours attempted or a 3.00 overall GPA.
  - Completion of 24 undergraduate hours in physics or the equivalent and mathematics through differential equations and other prerequisites (if any), as determined by the graduate program advisor.
- Students with course deficiencies must complete 3000/4000 level courses in physics and engineering in addition to the program course requirements.
- Graduate Record Examination scores. Submission of scores on the GRE General Test is required. There is no minimum required for admission, but a combined verbal and quantitative score of 305 is recommended.
- Two letters of recommendation.
- All applicants must receive approval for admission to the program from the Engineering Physics Admissions Committee.

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

*Note: Students must meet with faculty mentor/advisor in group or individual advisement session before enrolling.*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' original title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Accelerated BS/MS Degree Program**

Students applying for a Master Degree through the Accelerated BS/MS Degree Program must submit the following items to the Engineering Physics Department Accelerated Program Admissions Committee:

- Application for admission received by March 5 in the spring semester of the junior year.
- Official copies of transcripts from each institution attended. Transcripts must show:
  - The applicant is a UCO Engineering Physics major;
  - A minimum overall GPA of 3.00;
  - A minimum GPA of 3.00 in all Engineering and Physics courses specified in the junior year for their major. Grades for engineering courses taken in the spring semester of the junior year will be submitted when courses are completed at the end of junior year.
- Two letters of recommendation from Engineering & Physics faculty.
- A statement of purpose describing the applicant's:
  - Plans and rationale for graduate study at UCO;
  - Intentions toward and involvement in research activities.

*Note: All applicants must receive approval for admission to the program from the Department's Accelerated Program Admissions Committee. In this program three 5000-level ENGR or PHY courses (9 hours) taken during the senior year will count towards both the BS and MS degrees. The three courses are specified by the undergraduate major being sought.*

**Graduation Requirements**

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.

**Required Courses.....15 Hours**

Course Prefix	Course No.	Course Title
PHY	5013	Mathematical Physics II
PHY	5443	Quantum Mechanics
ENG	5023	Advanced Technical Writing
PHY	5990	Thesis (6 hrs) <b>OR</b>
ENGR	5083	Electromagnetic Field II <b>AND</b>
ENGR	5633	Solid State Devices

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**Program:** Engineering Physics  
**Major:** Biomedical Engineering continued

**Guided Electives.....6 Hours**

Complete at least four courses total 15 hours from the following list

Course Prefix	Course No.	Course Title
<b>Recommended Courses</b>		
ENGR	5013	Biomechanics
ENGR	5223	Biomedical Imaging
ENGR	5233	Biomedical Instrumentation
<b>Other Courses</b>		
ENGR	5333	Digital Signal Processing and Lab
ENGR	5443	Fluid Dynamics
ENGR	5613	Photonics
BIO	5xx3	Graduate BIO Course
CHEM	5xx3	Graduate CHEM Course

**General Electives..... 11 Hours**

All General electives must be approved by the student's advisement committee and selected from the following list:

Course Prefix	Course No.	Course Title
ENGR	5930	Ind. Study in Engineering (1-3 Hrs)
ENGR	5xx3	Graduate ENGR Course
PHY	5xx3	Graduate PHY Course
BIO	5xx3	Graduate BIO Course
CHEM	5xx3	Graduate CHEM Course
STAT	5xx3	Graduate STAT Course

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	Engineering Physics	<b>Dept:</b>	Engineering and Physics
<b>Major:</b>	Electrical Engineering	<b>College:</b>	Mathematics and Science
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	6633

**Engineering Physics - Electrical Engineering, M.S.**

This major is designed so that its graduates can enter industry/government as practicing engineers or pursue research and teaching careers with government and/or academic institutions. The major also provides advanced study in electrical engineering, with emphasis in communications and signal processing, for students who intend to pursue a Ph.D. degree in Electrical Engineering or related fields.

**Graduate Advisor:** **Dr. Weldon Wilson**  
 Email: [wwilson@uco.edu](mailto:wwilson@uco.edu)  
 Office: HOH 221E  
 Phone: (405) 974 - 5470

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimal 2.75 GPA overall and 3.00 GPA in the last 60 hours attempted or a 3.00 overall GPA.
  - Completion of 24 undergraduate hours in physics or the equivalent and mathematics through differential equations and other prerequisites (if any), as determined by the graduate program advisor.
- Students with course deficiencies must complete 3000/4000 level courses in physics and engineering in addition to the program course requirements.
- Graduate Record Examination scores. Submission of scores on the GRE General Test is required. There is no minimum required for admission, but a combined verbal and quantitative score of 305 is recommended.
- Two letters of recommendation.
- All applicants must receive approval for admission to the program from the Engineering Physics Admissions Committee.

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

*Note: Students must meet with faculty mentor/advisor in group or individual advisement session before enrolling.*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' original title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Accelerated BS/MS Degree Program**

Students applying for a Master Degree through the Accelerated BS/MS Degree Program must submit the following items to the Engineering Physics Department Accelerated Program Admissions Committee:

- Application for admission received by March 5 in the spring semester of the junior year.
- Official copies of transcripts from each institution attended. Transcripts must show:
  - The applicant is a UCO Engineering Physics major;
  - A minimum overall GPA of 3.00;
  - A minimum GPA of 3.00 in all Engineering and Physics courses specified in the junior year for their major. Grades for engineering courses taken in the spring semester of the junior year will be submitted when courses are completed at the end of junior year.
- Two letters of recommendation from Engineering & Physics faculty.
- A statement of purpose describing the applicant's:
  - Plans and rationale for graduate study at UCO;
  - Intentions toward and involvement in research activities.

*Note: All applicants must receive approval for admission to the program from the Department's Accelerated Program Admissions Committee. In this program three 5000-level ENGR or PHY courses (9 hours) taken during the senior year will count towards both the BS and MS degrees. The three courses are specified by the undergraduate major being sought.*

**Graduation Requirements**

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.

**Required Courses.....15 Hours**

Course Prefix	Course No.	Course Title
PHY	5013	Mathematical Physics II
PHY	5443	Quantum Mechanics
ENG	5023	Advanced Technical Writing
PHY	5990	Thesis (6 hrs) <b>OR</b>
ENGR	5083	Electromagnetic Field II <b>AND</b>
ENGR	5633	Solid State Devices

*continued...*



**Program:** Engineering Physics  
**Major:** Electrical Engineering continued

**Guided Electives.....6 Hours**

Complete at least four courses total 15 hours from the following list

Course Prefix	Course No.	Course Title
ENGR	5303	Control Systems
ENGR	5323	Digital and Analog Communication
ENGR	5333	Digital Signal Processing and Lab
ENGR	5613	Photonics
ENGR	5803	Mechatronics & Lab

**General Electives.....11 Hours**

All General electives must be approved by the student's advisement committee and selected from the following list:

Course Prefix	Course No.	Course Title
ENGR	5930	Ind. Study in Engineering (1-3 Hrs)
ENGR	5xxx	Graduate ENGR Course
PHY	5xxx	Graduate PHY Course
MATH	5xxx	Graduate MATH Course
CMSC	5xxx	Graduate CMSC Course
STAT	5xxx	Graduate STAT Course

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	Engineering Physics	<b>Dept:</b>	Engineering and Physics
<b>Major:</b>	Mechanical Engineering	<b>College:</b>	Mathematics and Science
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	6634

**Engineering Physics - Mechanical Engineering, M.S.**

This major is designed so that its graduates can enter industry/government as practicing engineers or pursue research and teaching careers with government and/or academic institutions. The major also provides advanced study in mechanical engineering, with emphasis in solid mechanics, thermo-fluid, and mechatronics, for students who intend to pursue a Ph.D. degree in Mechanical Engineering or related fields.

<b>Graduate Advisor:</b>	<b>Dr. Weldon Wilson</b>
Email:	<a href="mailto:wwilson@uco.edu">wwilson@uco.edu</a>
Office:	HOH 221E
Phone:	(405) 974 - 5470

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)). Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimal 2.75 GPA overall and 3.00 GPA in the last 60 hours attempted or a 3.00 overall GPA.
  - Completion of 24 undergraduate hours in physics or the equivalent and mathematics through differential equations and other prerequisites (if any), as determined by the graduate program advisor.
- Students with course deficiencies must complete 3000/4000 level courses in physics and engineering in addition to the program course requirements.
- Graduate Record Examination scores. Submission of scores on the GRE General Test is required. There is no minimum required for admission, but a combined verbal and quantitative score of 305 is recommended.
- Two letters of recommendation.
- All applicants must receive approval for admission to the program from the Engineering Physics Admissions Committee.

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

*Note: Students must meet with faculty mentor/advisor in group or individual advisement session before enrolling.*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' original title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Accelerated BS/MS Degree Program**

Students applying for a Master Degree through the Accelerated BS/MS Degree Program must submit the following items to the Engineering Physics Department Accelerated Program Admissions Committee:

- Application for admission received by March 5 in the spring semester of the junior year.
- Official copies of transcripts from each institution attended. Transcripts must show:
  - The applicant is a UCO Engineering Physics major;
  - A minimum overall GPA of 3.00;
  - A minimum GPA of 3.00 in all Engineering and Physics courses specified in the junior year for their major. Grades for engineering courses taken in the spring semester of the junior year will be submitted when courses are completed at the end of junior year.
- Two letters of recommendation from Engineering & Physics faculty.
- A statement of purpose describing the applicant's:
  - Plans and rationale for graduate study at UCO;
  - Intentions toward and involvement in research activities.

*Note: All applicants must receive approval for admission to the program from the Department's Accelerated Program Admissions Committee. In this program three 5000-level ENGR or PHY courses (9 hours) taken during the senior year will count towards both the BS and MS degrees. The three courses are specified by the undergraduate major being sought.*

**Graduation Requirements**

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.

**Required Courses.....15 Hours**

Course Prefix	Course No.	Course Title
PHY	5013	Mathematical Physics II
PHY	5443	Quantum Mechanics
ENG	5023	Advanced Technical Writing
PHY	5990	Thesis (6 hrs) <b>OR</b>
ENGR	5083	Electromagnetic Field II <b>AND</b>
ENGR	5633	Solid State Devices

*continued...*

**Program:** Engineering Physics  
**Major:** Mechanical Engineering continued

**Guided Electives.....6 Hours**

Complete at least four courses total 15 hours from the following list

Course Prefix	Course No.	Course Title
<b>Recommended Courses</b>		
ENGR	5023	Heat Transfer
ENGR	5103	Finite Element Analysis
ENGR	5443	Fluid Dynamics
ENGR	5803	Mechatronics & Lab
ENGR	5343	Biomechanics
PHY	5063	Analytical Mechanics
<b>Other Courses</b>		
ENGR	5303	Control Systems
ENGR	5323	Digital and Analog Communication
ENGR	5333	Digital Signal Processing and Lab
ENGR	5633	Solid State Devices
PHY	5103	Classical Mechanics

**General Electives..... 11 Hours**

All General electives must be approved by the student's advisement committee and selected from the following list:

Course Prefix	Course No.	Course Title
ENGR	5930	Ind. Study in Engineering (1-3 Hrs)
ENGR	5xxx	Graduate ENGR Course
PHY	5xxx	Graduate PHY Course
MATH	5xxx	Graduate MATH Course
CMSC	5xxx	Graduate CMSC Course
STAT	5xxx	Graduate STAT Course

**TOTAL HOURS REQUIRED ..... 32 HOURS**

<b>Program:</b>	Engineering Physics	<b>Dept:</b>	Engineering and Physics
<b>Major:</b>	Physics	<b>College:</b>	Mathematics and Science
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	6630

**Engineering Physics - Physics, M.S.**

This major is designed so that its graduates can pursue research and teaching careers with government and/or academic institutions or enter industry/government as practicing engineers. The major also provides advanced study in physics, with emphasis in solid state, optics, and electromagnetic fields, for students who intend to pursue a Ph.D. degree in Engineering Physics, Physics, or related fields.

<b>Graduate Advisor:</b>	<b>Dr. Weldon Wilson</b>
Email:	<a href="mailto:wwilson@uco.edu">wwilson@uco.edu</a>
Office:	HOH 221E
Phone:	(405) 974 - 5470

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
100 N. University Drive, NUC 404  
Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show: \*
  - A minimal 2.75 GPA overall and 3.00 GPA in the last 60 hours attempted or a 3.00 overall GPA.
  - Completion of 24 undergraduate hours in physics or the equivalent and mathematics through differential equations and other prerequisites (if any), as determined by the graduate program advisor.
- Students with course deficiencies must complete 3000/4000 level courses in physics and engineering in addition to the program course requirements.
- Graduate Record Examination scores. Submission of scores on the GRE General Test is required. There is no minimum required for admission, but a combined verbal and quantitative score of 305 is recommended.
- Two letters of recommendation.
- All applicants must receive approval for admission to the program from the Engineering Physics Admissions Committee.

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

*Note: Students must meet with faculty mentor/advisor in group or individual advisement session before enrolling.*

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.

- Thesis (optional). If applicable, complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' original title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Accelerated BS/MS Degree Program**

Students applying for a Master Degree through the Accelerated BS/MS Degree Program must submit the following items to the Engineering Physics Department Accelerated Program Admissions Committee:

- Application for admission received by March 5 in the spring semester of the junior year.
- Official copies of transcripts from each institution attended. Transcripts must show:
  - The applicant is a UCO Engineering Physics major;
  - A minimum overall GPA of 3.00;
  - A minimum GPA of 3.00 in all Engineering and Physics courses specified in the junior year for their major. Grades for engineering courses taken in the spring semester of the junior year will be submitted when courses are completed at the end of junior year.
- Two letters of recommendation from Engineering & Physics faculty.
- A statement of purpose describing the applicant's:
  - Plans and rationale for graduate study at UCO;
  - Intentions toward and involvement in research activities.

*Note: All applicants must receive approval for admission to the program from the Department's Accelerated Program Admissions Committee. In this program three 5000-level ENGR or PHY courses (9 hours) taken during the senior year will count towards both the BS and MS degrees. The three courses are specified by the undergraduate major being sought.*

**Graduation Requirements**

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.

**Required Courses.....15 Hours**

Course Prefix	Course No.	Course Title
PHY	5013	Mathematical Physics II
PHY	5443	Quantum Mechanics
ENG	5023	Advanced Technical Writing
PHY	5990	Thesis (6 hrs) <b>OR</b>
ENGR	5083	Electromagnetic Field II <b>AND</b>
ENGR	5633	Solid State Devices

*continued...*

**Program:** Engineering Physics  
**Major:** Physics continued

**Guided Electives.....6 Hours**

Complete at least four courses total 15 hours from the following list

Course Prefix	Course No.	Course Title
<b>Recommended Courses</b>		
PHY	5103	Classical Mechanics
PHY	5063	Analytical Mechanics
<b>Other Courses</b>		
ENGR	5323	Digital and Analog Communication
ENGR	5613	Photonics

**General Electives..... 11 Hours**

All General electives must be approved by the student's advisement committee and selected from the following list:

Course Prefix	Course No.	Course Title
PHY	5930	Ind. Study in Physics (1-3 Hrs)
ENGR	5xxx	Graduate ENGR Course
PHY	5xxx	Graduate PHY Course
MATH	5xxx	Graduate MATH Course
CHEM	5xxx	Graduate CHEM Course
CMSC	5xxx	Graduate CMSC Course
STAT	5xxx	Graduate STAT Course

**TOTAL HOURS REQUIRED ..... 32 HOURS**

**Program:** Nursing **Dept:** Nursing  
**Major:** Nursing **College:** Mathematics and Science  
**Degree:** Master of Science (M.S.) **Major Code:** 6640

**Nursing, M.S.**

The Nursing Master of Science degree will help to provide for the increasing global need of health care practitioners with expanded nursing knowledge. The degree directly addresses the University of Central Oklahoma’s mission to contribute to the intellectual, cultural, economic and social advancement of the communities and individuals it serves. The inclusion of 100 clinical hours facilitates the participation of students in transformative educational experiences that directly benefit the Oklahoma City metro area community. The degree integrates each of the Central Six tenets of transformative learning including Health and Wellness, Discipline Knowledge, Leadership, Problem Solving (Research, Scholarly and Creative Activities), Service Learning and Civic Engagement.

**Graduate Advisor:** **Dr. Nancy Dentlinger**  
 Email: [ndentlinger@uco.edu](mailto:ndentlinger@uco.edu)  
 Office: CHS 168  
 Phone: (405) 974 - 5379

**Admission Requirements**

Submit the following items to:

Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum 3.00 GPA overall or 3.00 GPA in the last 60 hours attempted.
  - Baccalaureate degree with a major in nursing from an NLNAC or AACN accredited program or its equivalent with at least a 3.00 GPA.
  - Current unrestricted license to practice as a Registered Nurse in the state of Oklahoma or be in process of obtaining such licensure from the State of Oklahoma.
  - Complete an undergraduate or graduate course in statistics.
- Application may be made for conditional admission by students having an overall undergraduate GPA of at least 2.50 or at least 2.25 with five years having passed since the date of the first bachelor’s degree.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(p.15\)](#).
- Make formal application to the Chairperson of the Nursing Master’s Program and payment of application fee. Formal approval by the selection committee is required for admission.

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of “C”.
  - Courses with a grade lower than C do not apply toward graduation.

- Competency Examination. Achieve a minimum score of “pass” on competency exam.  
 NOTE: Request for re-examination will not be granted more than one time.
- Project or Thesis. Construct a nursing education project or complete an acceptable thesis and successfully defend it in public. If thesis is chosen, submit two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis’ title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

**Graduation Requirements**

**Required Core Courses.....22 Hours**

Course Prefix	Course No.	Course Title
NURS	5113	Advanced Pathophysiology
NURS	5133	Advanced Pharmacology
NURS	5153	Advanced Health Assessment
NURS	5233	Adv. Res./Evidence Based Practice
NURS	5323	Organizational & Systems Leadership
NURS	5332	Healthcare Informatics
NURS	5213	Tch, Lrng, and Nursing Theories
NURS	5412	*Clinical Nursing Course (100 clock hrs)-2 cr hr

\*Prerequisites: NURS 5113, NURS 5133, and NURS 5153

**Speciality Option .....12 Hours**

Course Prefix	Course No.	Course Title
NURS	5980	Graduate Project, <b>OR</b>
NURS	5990	Graduate Thesis - 3 credit hours
		Graduate Electives approved by program chair - 9 credit hours

**Education Option.....12 Hours**

Course Prefix	Course No.	Course Title
NURS	5423	Curriculum Development: Nursing
NURS	5613	Tests & Evaluation Procedures
NURS	5623	Educational Strategies/Practicum: Classroom & Clinical
NURS	5980	Graduate Project, <b>OR</b>
NURS	5990	Graduate Thesis - 3 credit hours

**TOTAL HOURS REQUIRED ..... 34 HOURS**



# FORENSIC SCIENCE INSTITUTE

ACADEMIC DEGREE PROGRAMS



# W. Roger Webb Forensic Science Institute

W. Roger Webb Forensic Science Building

Telephone: (405) 974-6911

Fax: (405) 974-3804

Email: [jwomble1@uco.edu](mailto:jwomble1@uco.edu)

Website: [www.uco.edu/forensics](http://www.uco.edu/forensics)

Dr. Dwight E. Adams, Director

The names of graduate program advisors appear on the program degree sheets on the following pages.

At the graduate level, the Forensic Science Institute awards the following degrees:

## **Master of Science (M.S.)**

- Forensic Science
  - Forensic Science
  - Biology/Chemistry

The Forensic Science Institute is devoted to academic excellence, through a unique multidisciplinary program, that provides outstanding educational, research, and professional training opportunities for practicing professionals and both undergraduate and graduate students. The Forensic Science Institute is a comprehensive training and research organization in all aspects of evidence collection, preservation, analysis, reporting and testimony. The Institute will promote leadership, character, and public service throughout all training events.

**Program:** Forensic Science **Dept:** Forensic Science Institute  
**Major:** Forensic Science **College:** Forensic Science Institute  
**Degree:** Master of Science (M.S.) **Major Code:** 7030

**Forensic Science, M.S.**

The M.S. Forensic Science degree is a research-oriented, thesis-required graduate degree program. Students must complete a minimum of 36 hours of graduate level work, including a core of 15 hours, 6 hours of thesis research and a minimum of 15 hours of electives in their major area.

**Graduate Advisor:** Dr. Wayne Lord  
 Email: [wlord1@uco.edu](mailto:wlord1@uco.edu)  
 Office: FSI 110  
 Phone: (405) 974 - 6918

**Admission Requirements**

Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

Admission into the Graduate Forensic Science Program is for the Fall semester only. **Application deadline is April 15.**

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A minimum of 3.0 overall undergraduate GPA.
  - Completion of nine undergraduate hours and other prerequisites (if any), as determined by the graduate program advisor: FRSC 3043, STAT 2103, and FRSC 2503.
- Graduate Record Examination scores. A GRE score of at least 300 on the combined verbal reasoning and quantitative sections and a minimum of 3.0 on the analytical writing section.
- A one-page description of an area of interest in Forensic Science research will be requested from the applicant following initial reviews of the application material.
  - \* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

**Other Requirements**

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Thesis. Enroll in FRSC 5990 and complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertising deadline.

**Graduation Requirements**

**Required Courses.....21 Hours**

Course Prefix	Course No.	Course Title
FRSC	5253	Forensic Science Analysis & Lab
FRSC	5363	Advanced Crime Scene Techniques
FRSC	5863	Expert Witness
FRSC	5873	Research Methods in Forensic Science
FRSC	5881	Management and Leadership in Forensic Sci.
FRSC	5892	Professional Issues in Forensic Science
FRSC	5990	Thesis (6 hours)

**General Electives.....15 Hours**

Complete a minimum of 15 hours from the following list or others as approved by the student's major professor and thesis committee

Course Prefix	Course No.	Course Title
FRSC	5143	Crime Scene Reconstruction
FRSC	5243	Forensic Psychology
FRSC	5263	Forensic & Biological Anthropology
FRSC	5303	Forensic Archaeology
FRSC	5313	Forensic Pathology
FRSC	5323	Forensic Toxicology & Lab
FRSC	5333	Forensic Molecular Biology & Lab
FRSC	5343	Forensic Serology & Lab
FRSC	5353	Firearm and Toolmark Analysis
FRSC	5413	Bloodstain Pattern Analysis
FRSC	5443	Forensic Arson Investigation
FRSC	5463	Digital Forensics
FRSC	5513	Forensic Chemistry and Lab
FRSC	5533	Forensic Microscopy & Lab
FRSC	5543	Advanced Firearm and Toolmark & Lab
FRSC	5553	WMD Forensics
FRSC	5613	Advanced Forensic DNA Analysis
FRSC	5633	Digital Forensics Tools and Analysis
FRSC	5713	Forensic Pharmacology
FRSC	5910	Seminar in Forensic Science
FRSC	5920	Workshop in Forensic Science
FRSC	5930	Individual Study
FRSC	5940	Field Study in Forensic Science
FRSC	5950	Internship
FRSC	5960	Institute in Forensic Science
FRSC	5970	Study Tour

**TOTAL HOURS REQUIRED ..... 36 HOURS**

<b>Program:</b>	Forensic Science	<b>Dept:</b>	Forensic Science Institute
<b>Major:</b>	Forensic Science	<b>College:</b>	Forensic Science Institute
<b>Degree:</b>	Master of Science (M.S.)	<b>Major Code:</b>	7031

### Forensic Science, M.S., Biology/Chemistry

The M.S. Forensic Science - Biology/Chemistry degree is a research-oriented, thesis-required graduate degree program. Students must complete a minimum of 36 hours of graduate level work, including a core of 30 hours, 6 hours of thesis research and a minimum of 6 hours of electives in their major area.

<b>Graduate Advisor:</b>	<b>Dr. Wayne Lord</b>
Email:	<a href="mailto:wlord1@uco.edu">wlord1@uco.edu</a>
Office:	FSI 110
Phone:	(405) 974 - 6918

### Admission Requirements

Submit the following items to:  
 Jackson College of Graduate Studies  
 100 N. University Drive, NUC 404  
 Edmond, OK 73034

Admission into the Graduate Forensic Science Program is for the Fall semester only. **Application deadline is April 15.**

- Online application for admission ([www.uco.edu/graduate/](http://www.uco.edu/graduate/)).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  - A bachelor's degree in forensic science or natural science is required.
  - A minimum of 3.0 overall undergraduate GPA.
  - Completion of nine undergraduate hours and other prerequisites (if any), as determined by the graduate program advisor: FRSC 3043, STAT 2103, and FRSC 2503.
- Graduate Record Examination scores. A GRE score of at least 300 on the combined verbal reasoning and quantitative sections and a minimum of 3.0 on the analytical writing section.
- A one-page description of an area of interest in Forensic Science research will be requested from the applicant following initial reviews of the application material.

\* Students falling below these standards may qualify for conditional or provisional admission. See [Admissions to Graduate Studies \(p.13\)](#).

### Other Requirements

- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
  - Overall GPA of 3.00 or higher.
  - No more than 6 hours of "C".
  - No more than six advisor-approved hours from traditional correspondence courses.
- Thesis. Enroll in FRSC 5990 and complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' title page, original signature page, summary and abstract page to the JCGS.
- Final Requirements. Apply for graduation through the JCGS by advertising deadline.

### Graduation Requirements

Required Courses.....30 Hours

Course Prefix	Course No.	Course Title
FRSC	5253	Forensic Science Analysis & Lab
FRSC	5333	Forensic Molecular Biology & Lab
FRSC	5363	Advanced Crime Scene Techniques
FRSC	5513	Forensic Chemistry & Lab
FRSC	5533	Forensic Microscopy & Lab
FRSC	5863	Expert Witness
FRSC	5873	Research Methods in Forensic Science
FRSC	5881	Management and Leadership in Forensic Sci.
FRSC	5892	Professional Issues in Forensic Science
FRSC	5990	Thesis (6 hours)

General Electives.....6 Hours

Complete a minimum of 6 hours from the following list or others as approved by the student's major professor and thesis committee

Course Prefix	Course No.	Course Title
FRSC	5143	Crime Scene Reconstruction
FRSC	5243	Forensic Psychology
FRSC	5263	Forensic & Biological Anthropology
FRSC	5303	Forensic Archaeology
FRSC	5313	Forensic Pathology
FRSC	5323	Forensic Toxicology & Lab
FRSC	5343	Forensic Serology & Lab
FRSC	5353	Firearm and Toolmark Analysis
FRSC	5413	Bloodstain Pattern Analysis
FRSC	5443	Forensic Arson Investigation
FRSC	5463	Digital Forensics
FRSC	5543	Advanced Firearm and Toolmark & Lab
FRSC	5553	WMD Forensics
FRSC	5613	Advanced Forensic DNA Analysis
FRSC	5633	Digital Forensics Tools and Analysis
FRSC	5713	Forensic Pharmacology
FRSC	5910	Seminar in Forensic Science
FRSC	5920	Workshop in Forensic Science
FRSC	5930	Individual Study
FRSC	5940	Field Study in Forensic Science
FRSC	5950	Internship
FRSC	5960	Institute in Forensic Science
FRSC	5970	Study Tour

**TOTAL HOURS REQUIRED ..... 36 HOURS**

# GRADUATE FACULTY



## Graduate Faculty

### Name, College Degree, Institution, Date of Degree

The Graduate Faculty Handbook effective Spring 2013 articulates two membership levels in the Graduate Faculty: Full Member and Associate Members.

#### *Full Members of the Graduate Faculty*

The Graduate Council grants Full Graduate Faculty membership to all tenured UCO faculty. Faculty members who retire from UCO as Full Graduate Faculty remain their status after retirement.

#### *Associate Members of the Graduate Faculty*

The Graduate Council grants Associate Graduate Faculty membership to non-tenured faculty under the conditions listed below.

Non-tenured faculty members who hold terminal degrees are automatically Associate Members of the Graduate Faculty, with renewable five-year terms which begin on the first day of class of the first UCO graduate courses which they teach. Associate Graduate Faculty members automatically become Full Graduate Faculty members upon receiving tenure. Faculty members who retire from UCO as Associate Graduate Faculty and who have terminal degrees retain their status after retirement. The terms of those who retired prior to July 1, 2013, shall run until July 1, 2016. The terms of those who retire after July 1, 2013, shall run to the first July 1 which falls three years after their effective retirement dates.

Non-tenured faculty members who wish to be Associate Graduate Faculty members but do not hold terminal degrees must submit recommendations from their department chairs every five years, based on the following criteria:

1. Professional qualification, and
2. Superior teaching ability and innovation, and
3. Active participation in research leading to publications and/or other appropriate scholarly/artistic activities and/or activities, performances, or exhibits commended by professionals in the candidate's field of study.

### A

**Abu-Abed, Alaeddin**, Mathematics and Science, BS, Jordan University of Science and Technology, 1999; MS, Jordan University of Science and Technology, 2001; PhD, University of Alabama, 2007

**Adamiak, Stanley J.**, Liberal Arts, BA, University of Vermont, 1988; MA, University of Nebraska, 1990; PhD, University of Nebraska, 1994

**Adams, Dwight E.**, Forensic Science Institute, BS, University of Central Oklahoma, 1977; MS, Illinois State University, 1979; PhD, University of Oklahoma, 1982

**\*Adams, J. Michael**, Education and Professional Studies, BS, University of Central Oklahoma, 1995; M.Ed., University of Central Oklahoma, 2006

**\*Adkison, Danny M.**, Liberal Arts, BA, Oklahoma State University, 1972; MA, Oklahoma State University, 1975; Ed.D., Oklahoma State University, 1983

**\*Aguirre-Y-Luker, Grant C.**, Liberal Arts, BA, University of Central Oklahoma, 1997; MA, University of Central Oklahoma, 1999, JD, Oklahoma City University, 2004(?)

**Albahadily, Fakhildeen N.**, Mathematics and Science, BS, Basrah University, Iraq, 1976; MS, Texas A&M University, 1984; PhD, Oklahoma State University, 1988

**Allan, Elizabeth**, Mathematics and Science, BS, University of Oklahoma, 1983; MA, University of California, Riverside, 1990; PhD, University of California, Riverside, 1997

**Alltizer, Richard L.**, Business Administration, BS, University of Central Oklahoma, 1980; MA, University of Oklahoma, 1990; PhD, University of Oklahoma, 1994

**\*Anderson, Alana**, Nursing, BS, University of Oklahoma Health Science Center, 2001; Nursing Education, MS, University of Oklahoma Health Science Center, 2007;

**\*Anderson, Joyce M.**, Education and Professional Studies, BS, University of Central Oklahoma, 1988; MS, University of Central Oklahoma, 1992

**Atkins, LaDonna**, Education and Professional Studies, BS, University of Central Oklahoma, 1991; M.Ed, University of Central Oklahoma, 1994; EdD, Oklahoma State University, 2002

### B

**Bahouth, Saba**, Business Administration, BS, American University of Beirut, 1975; MS, Vanderbilt University, 1981; PhD, University of Oklahoma, 1991

**Baird, Troy A.**, Mathematics and Science, BS, San Diego State University, 1978; MS, San Diego State University, 1980; PhD, University of British Columbia, 1989

**Baker, James**, Liberal Arts, BA, University of Houston, 1965; MA, Tulane University of Louisiana, 1967; PhD, Tulane University, 1971

**\*Baker, Kelly**, Education and Professional Studies, BS, University of Oklahoma, 1984; M.Ed., University of Central Oklahoma, 1988; Ed.D., Oklahoma State University, 1995

**Barger-Johnson, Jennifer**, Business Administration, BBA, Cameron University, 1993; JD, University of Arkansas, 1997

**Barnes, Karen L.**, Education and Professional Studies, BSN, University of Oklahoma Health Science Center, 1970; MS, University of Oklahoma Health Science Center, 1989; PhD, University of Oklahoma, 1998

**Barthell, John F.**, Mathematics and Science, BS, University of California at Berkeley, 1985; PhD, University of California at Berkeley, 1992

**Bass, T. David**, Mathematics and Science, BS, Lamar University, 1978; MS, Lamar University, 1980; PhD, Texas A&M University, 1985



## Graduate Faculty

**Baughman, T. H.**, Liberal Arts, BA, Stetson University, 1968; MA, Ohio State University, 1969; PhD, Florida State University, 1990

**Beasley, Lori A.**, Education and Professional Studies, BS, Oklahoma State University, 1978; M.Ed., University of Central Oklahoma, 1981; Ed.D., Oklahoma State University, 1996

**Beasley, Stewart R.**, Education and Professional Studies, BS, University of Central Oklahoma, 1966; M.Ed, University of Central Oklahoma, 1969; PhD, University of Colorado, 1971

**\*Beliele, Laressa D.**, Education and Professional Studies, BAED, University of Central Oklahoma, 1980; M.Ed., University of Central Oklahoma, 1998; PhD, Regent University, 2012

**Beliveau, Laura Bolf**, Liberal Arts, AA, Elgin Community College, 1986; BS, Illinois State University, 1988; M.Ed., University of Illinois, 1993; PhD, University of Oklahoma, 2008

**Bernard, Richard M.**, Liberal Arts, BA, University of Oklahoma, 1970; MA, Wake Forest University, 1971; Ph.D. University of Wisconsin-Madison, 1977

**Bertram, Anita G.**, Education and Professional Studies, BS, Oklahoma State University, 1978; MS University of Central Oklahoma, 1983; PhD, Oklahoma State University, 2005

**\*Bettis, Jeannine E.**, Liberal Arts, BA, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1983

**\*Bevel, Tom**, Forensic Science Institute, BA, University of Central Oklahoma, 1977; MA, University of Central Oklahoma, 1985

**Bidlack, James E.**, Mathematics and Science, BS, Purdue University, 1984; MS, University of Arkansas, 1986; PhD, Iowa State University, 1990

**Bingabr, Mohamed**, Mathematics and Science, BS, Syracuse University, 1989; MS, Syracuse University, 1993; PhD, Syracuse University, 2002

**Bird, Rosa J.**, 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

**\*Birdsong, Sheryle**, Education and Professional Studies, BS, University of Central Oklahoma, 1994; MS., University of Central Oklahoma, 1996

**Black, Stephen**, Business Administration, BS, Texas A&M University, 1982; MBA, Oklahoma City University, 1985; PhD, Oklahoma State University, 1995

**\*Blausner, Bonnie**, Education and Professional Studies, BS, Ohio University, 1967; MS, University of Central Oklahoma, 1997

**\*Boggs, Cory**, Education and Professional Studies, BS, Oklahoma Christian University, 1997; MEd, University of Central Oklahoma, 2004

**Bogner, Len**, Education and Professional Studies, BGS, University of Kansas, 1993; MST, Pittsburg State University, 1998; EdD, University of Minnesota, 2007

**\*Borycki, Dennis**, Fine Arts & Design, BA, San Jose University, 1974; MM, University of Oklahoma, 1976

**Bost, Robert O.**, Mathematics and Science, BS, University of Texas at Austin, 1965; MA, University of Texas at Austin, 1967; PhD, University of Houston, 1970

**Bowen, John**, Mathematics and Science, BS, University of Central Oklahoma, 1975; PhD, Oklahoma State University, 1982

**Bradford, Pamela**, Fine Arts & Design, BMED, Oklahoma Baptist University, 1979; MMed, University of Oklahoma, 1985; PhD, University of Oklahoma, 1995

**Brennan, Robert**, Mathematics and Science, BS, University of South Dakota, 1993; DMV, Louisiana State University, 1997; PhD, Texas A&M University, 2004

**Bridges, Timothy R.**, Business Administration, BS, Ohio State University, 1969; MS, Air Force Institute of Technology, 1978; PhD, University of Oklahoma, 2000

**Broadwell, Barbara**, Fine Arts and Design, BFA, Sonoma State University, 1998; MFA, San Diego State University, 2002

**Brodnax, Mary M.**, Liberal Arts, BA, Vanderbilt University, 1978; MA, The Johns Hopkins University, 1987

**\*Brooks, Laci**, Fine Arts and Design, BS, University of Central Oklahoma, 1992; MS, University of Central Oklahoma, 1996

**Brown, Deborah J.**, Liberal Arts, BA, Southern Nazarene University, 1974; MAT, Rollins College, 1979; PhD, University of Oklahoma, 1994

**Brown, Elizabeth**, Fine Arts and Design, BFA, Rhode Island School of Design, 1995; MFA, Arizona State University, 1999

**Brown, Kathy A.**, Education and Professional Studies, 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, Margo M.**, Liberal Arts, BA, Oklahoma Baptist University, 1977, JD, University of Oklahoma, 1986

**\*Brown, Mark**, Liberal Arts, BA, University of Central Oklahoma, 1975; JD, Oklahoma City University, 1981

**Brown, Sidney D.**, Liberal Arts, BAEd., University of Central Oklahoma, 1971; M.Ed., University of Central Oklahoma, 1975; JD, Oklahoma City University, 1979

**Buchanan, Merry**, Liberal Arts, BA, University of Central Oklahoma, 1982, MA, University of Central Oklahoma, 1989, Ph.D., University of Oklahoma, 2001

**\*Buckmaster, Jamie**, Education and Professional Studies, BA, University of Oklahoma, 2006; M.Ed., University of Central Oklahoma, 2010

**Burford, Martha**, Mathematics and Science, BA, University of California Berkeley, 1995; MA, San Francisco State University, 2001; PhD, University of California, 2007

**\*Burnett, George F.**, Liberal Arts, BS, Oklahoma State University, 1981; JD, Oklahoma City University, 1987

**Burns, Jaime L.**, Liberal Arts, BA, Ouachita Baptist University, 1999; MA, Oklahoma State University, 2002; PhD, Oklahoma State University, 2006

## Graduate Faculty

**Butler, Christopher**, Mathematics and Science, BS, Cornell University, 2000; PhD, University of Oxford, 2004

**Butterfield, Emily J.**, Fine Arts and Design, BM, Michigan State University, 1984; MM, Florida State University, 1987; DMA, Ohio State University, 2003

**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

**Caire, William**, Mathematics and Science, BS, Texas Tech University, 1969; MS, University of North Texas, 1972; PhD, University of New Mexico, 1978

**Caprilli, Barbara**, Voice Performance, BM, Oklahoma City University, 1976; Opera Performance, MM, Oklahoma City University, 1998; Vocal Pedagogy, DMA, Shenandoah, 2013

**\*Carem, Richard**, Education and Professional Studies, BA, University of Central Oklahoma, 1973; MEd, University of Central Oklahoma, 1978

**Carlson, 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

**\*Carroll, Jayme**, Education and Professional Studies, BA, University of Central Oklahoma, 2002; MEd., University of Central Oklahoma, 2007

**Cassel, Darlinda**, Education and Professional Studies, BS, Centenary College, 1981; MA, Louisiana Tech University, 1983; PhD, University of Oklahoma, 2002

**\*Chappell, Brenda A.**, Liberal Arts, BA, University of Central Oklahoma, 2000; MA, University of Central Oklahoma, 2002  
Charoenwongse, Chindarat, Fine Arts and 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

**\*Chew, Gary Rick**, Liberal Arts, BA, University of Oklahoma, 1965; JD, University of Oklahoma, 1969; PhD, University of Oklahoma, 1999

**Chiang, Ju-Yu**, Fine Arts & Design, BFA, Tunghai University, 1999; MM, University of Wisconsin, 2001; DMA, University of Oklahoma, 2009

**\*Choi, SeonMi**, Housing and Interior Design, BS, Yonsei University; Human Environment and Design, MD, Yonsei University; Interior Design, PhD, University of Minnesota

**Chooback, Lilian**, Mathematics and Science, BS, Fairleigh Dickinson University, 1979; MS, Fairleigh Dickinson University, 1982; PhD, University of Akron, 1992

**\*Choudry, Mansur**, Education and Professional Studies, BS, University of Engineering/Pakistan, 1973; M.Ed., University of Central Oklahoma, 1997

**\*Christie, Art L.**, Liberal Arts, BA, University of Missouri, 1964; MA, University of North Dakota, 1976

**\*Churchill, Lindsey**, Women's Studies, BA, University of South Florida, 2003; Women's Studies, MA, University of South Florida, 2005; History, PhD, Florida State University, 2010

**\*Ciungu, Lavinia**, Mathematics and Science, BA, University of Bucharest, 2001; MS, University of Bucharest, 2003; PhD, SUNY Buffalo, 2010

**\*Christophe, Deion**, Forensic Science Institute, BS, Baker University, Kansas, 2002; MS, University of Central Oklahoma, 2011

**Clark, Terry M.**, Liberal Arts BA, University of Central Oklahoma, 1966; MA, University of Iowa, 1969; EdD, Oklahoma State University, 1991

**\*Clark, Wayne**, Music Education, BM, University of Central Oklahoma, 1985; MA, University of Oklahoma, 1987; PhD, University of Oklahoma, 1996

**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

**Clinton, M. Suzanne**, Business Administration, BS, Louisiana Tech University, 1990; MBA, Louisiana Tech University, 1991; DBA, Mississippi State University, 1996

**Cobb, Donna S.**, Education and Professional Studies, BS, East Central Oklahoma State University, 1976; M.Ed, East Central Oklahoma State University, 1977; Ed.D, Oklahoma State University, 1991

**\*Coldren, Melanie**, Education and Professional Studies, BA, Oklahoma Baptist University, 1971; MS, University of Oklahoma, 1973

**Cole, Sara L.**, Education and Professional Studies, BS, Central Michigan University, 1998; MA, Central Michigan University, 2000; PhD, Indiana University, 2004

**Collins, Julie**, Education and Professional Studies, BS, University of Oklahoma, 1986; M.Ed., University of Oklahoma, 1992; PhD, University of Oklahoma, 2007

**\*Collins, Kelly Michelle**, Education and Professional Studies, BSED, University of Central Oklahoma, 1993; M.Ed., University of Central Oklahoma, 1998

**Cone, Charles (Trey)**, Education and Professional Studies, BA, Ouachita Baptist University, 1997; MS, Texas A&M University—Commerce, 1998; EdD, Texas A&M—Commerce, 2001

**\*Cook, Jeri Van**, Liberal Arts, BA, 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

## Graduate Faculty

**Couts, Patsy M.**, Education and Professional Studies, BS, Southwestern Oklahoma State University, 1966; MLS, University of Oklahoma, 1984; EdD, Oklahoma State University, 1995

**Cowan, Jennifer Sunshine**, Education and Professional Studies, BS, University of Central Oklahoma, 2000; MPH, University of Oklahoma Health Sciences, 2002; PhD, Oklahoma State University, 2009

**Cowan, Jerel**, Education and Professional Studies, BS, University of Central Oklahoma, 2000; MS, Oklahoma State University, 2004; PhD, Oklahoma State University, in progress

**\*Creecy, James P.**, Forensic Science Institute, BS, New Mexico Tech, 2003; MS, New Mexico Tech, 2005

**\*Crismon, David**, Fine Arts and Design, BFA, Kansas City Art Institute, 1986; MFA, University of Oklahoma, 1990

**Cunliff, Ed**, Education and Professional Studies, BA, DePauw University, 1969; MA, University of Oklahoma, 1974; PhD, University of Oklahoma, 1983

**Curl, Kenneth L.**, Mathematics and Science, BS, University of Central Oklahoma, 1969; MS, Oklahoma State University, 1978; PhD, Oklahoma State University, 1984

## D

**\*Dabney, Eric**, Education and Professional Studies, BS, University of Central Oklahoma, 1993; M.Ed. University of Central Oklahoma, 2001

**Dadlez, Eva**, Liberal Arts, BA, Syracuse University, 1978; MLS, Syracuse University, 1982; MA, Syracuse University, 1986; PhD, Syracuse University, 1991

**\*Davis, Rebecca**, Education and Professional Studies, BA, Oklahoma City University, 1968; M.Ed, University of Central Oklahoma, 1980; EdD, Oklahoma State University, 1993

**De Bolt, Darian C.**, Liberal Arts, BA, University of Oklahoma, 1968; FBINA, University of Virginia, 1984; MA, University of Oklahoma, 1985; PhD, University of Oklahoma, 1993

**Dechter, James**, Mathematics & Science, BS, Carnegie-Mellon University, 1970; PhD, University of California, 1975

**\*Decker, Randal**, Education and Professional Studies, BS, University of Central Oklahoma, 1991; MEd, University of Central Oklahoma, 1995

**de los Santos, Tomas**, Business Administration, BA, Universidad utonoma de Nuevo Leon, 1972; MA, Boston University, 1976; PhD, Clark University, 1988

**\*Dennis, Judy**, Education and Professional Studies, BS, Colorado State University, 1965; MS, Colorado State University, 1966

**Dentlinger, Nancy**, Mathematics & Science, BSN, University of Oklahoma, 1987; MS, University of Oklahoma, 1996; EdD, Oklahoma State University, 2003

**Dickson, Warren**, Business Administration, BFA, University of Oklahoma, 1976; PhD, University of Oklahoma, 1994

**Dolph, James**, Liberal Arts, BA, Northeastern State University, 1986; MA, University of Central Oklahoma, 2002; MA, University of Oklahoma, 2007

**Domanski, Chris**, Fine Arts and Design, BFA, Wayne State University, 1998; MFA, Ohio University, 2003

**Donaldson, Daniel**, Liberal Arts, BA, California State University, Fullerton, 1992; MA, California State University, Fullerton, 1994; PhD, Kent State University, 1999

**Duke, Bryan L.**, Education and Professional Studies, BAE, University of Central Oklahoma, 1991; M.Ed, University of Central Oklahoma, 1995; PhD, University of Oklahoma, 2003

**Dumin, Laura**, Liberal Arts, BA, Virginia Tech, 1999; MA, Radford University, 2001; PhD, Oklahoma State University, 2010

## E

**Eakins, Keith**, Liberal Arts, BA, Ohio State University, 1985; JD, Ohio State University, 1989; PhD, Ohio State University, 1999

**\*Echols, David W.**, Education and Professional Studies, BS, University of Oklahoma, 1972; JD, Oklahoma City University, 1978

**Eckard, Kevin**, Fine Arts and Design, BA, College of Charleston, 1993; MM, Indiana University, 1997; DMA, University of South Carolina, 2002

**\*Elliott, Ray C.**, Liberal Arts, BS, Southwestern Oklahoma State University, 1975; M.Ed, Southwestern Oklahoma State University, 1975; JD, Oklahoma City University, 1980

**Ellis, R. Barry**, Business Administration, BBA, Baylor University, 1974; MBA, Texas A&M University-Commerce, 1980; PhD, University of North Texas, 2000

**Endres, Daniel J.**, Mathematics & Science, BS, University of New Mexico, 1983; MS, University of New Mexico, 1986; PhD., University of New Mexico, 1992

**Epstein, Robert H.**, Business Administration, BS, Cornell University, 1973; MA, University of Denver, 1974; MA, University of Southern California, 1976; PhD, University of Southern California, 1978

**Eshelman, Darla**, Fine Arts and Design, BME, Grand Canyon University, 1981; MME, Arizona State University, 1986; PhD, University of Oklahoma, 1995

**\*Eskridge, Evelyn**, Education and Professional Studies, BA, University of Central Oklahoma, 1977; MA, University of Central Oklahoma, 1988; Ed.D., Oklahoma State University, 2002

**Evans, Cheryl Lynn**, Education and Professional Studies, BSEd, Oklahoma State University, 1988; MS, Oklahoma State University, 1998; EdD, Oklahoma State University, 2004

**Ewing, Anne L.**, Mathematics and Science, BS, Iowa State University, 1976; MS, UC Berkeley, 1978; PhD, UC Berkeley, 1981

## F

**Farnell, Greg**, Education and Professional Studies, BS, Ohio University, 1999; MEd., Cleveland State University, 2000; PhD, Kent State University, 2007

**Fent, Darla**, Education and Professional Studies, BS, Oklahoma City University, 1982; MS, Baylor University, 1983; Ed.D, Oklahoma State University, 1997

**Ferguson, John M.**, Mathematics & Science, BS, University of Kansas, 1987; PhD, Iowa State University, 1993

## Graduate Faculty

\***Fields, Jinni**, Education and Professional Studies, BS, University of Central Oklahoma, 1990; M.Ed., University of Central Oklahoma, 2009

**Forbat, David**, Fine Arts and Design, BM, University of Southern California, 1983; MM, University of Cincinnati, CCM, 1985; DMA, Peabody Institute of John Hopkins University, 1996

**Ford, Darrell**, Business Administration, BS, Oklahoma State University, 1982; JD, MBA, University of Texas, 1986

**Ford, David A.**, Liberal Arts, BA, Oral Roberts University, 1973; MS, Oklahoma State University, 1975; PhD, Oklahoma State University, 1988

\***Fraser, David**, Education and Professional Studies, BS, Cameron University, 1977; MBA, Oklahoma City University, 1985

**Frech, Cheryl Baldwin**, Mathematics & Science, BS, Oklahoma State University, 1981; MS, University of Oklahoma, 1984; PhD, University of Oklahoma, 1987

\***Fryer, Wesley**, Education and Professional Studies, BS, US Air Force Academy, 1992; MEd, Texas Tech University, 1996

**Fu, Jicheng**, Mathematics and Science, BS, Harbin Institute of Technology, 1996; MS, Harbin Institute of Technology, 1998; MS, University of Texas, 2007; Ph.D., University of Texas, May 2009.

**Fulkerson, Michael**, Mathematics & Science, BSEd, Central Michigan University, 2001; MA, Central Michigan University, 2003; PhD, Texas A&M University, 2008

**Furmanski, Louis S.**, Liberal Arts, BA, Union College-New York, 1972; MA, Purdue University, 1980; PhD, Purdue University, 1990

## G

**Gabbard, Delana**, Fine Arts & Design, BFA, Oklahoma State University, 2001; MFA, University of Central Oklahoma, 2010

\***Garcia, Lea Ann**, Education and Professional Studies, BAED, University of Central Oklahoma, 1988; M.Ed, University of Central Oklahoma, 2003

**Garrison, Stephen**, Liberal Arts, B A, Baylor University, 1974; MA, Baylor University, 1977; PhD, University of South Carolina, 1981

\***Gaston, Roberta**, Education and Professional Studies, BS, Oklahoma State University, 1972; M.Ed., University of Central Oklahoma, 1987

**Gatch, Loren**, Liberal Arts, BA, University of Chicago, 1981; MA, Columbia University, 1986; PhD, Cornell University, 1998

\***Gayzur, Nora**, Psychology, BA, University of Maryland-College Park, 2005; Psychology, MA, North Dakota State University, 2008; Psychology, PhD, North Dakota State University, 2013

\***Geib, Michael**, Fine Arts & Design, BA, Clemson University, 2007; MM, Florida State University, 2010

\***Gilbert, Helen Rebecca**, Education and Professional Studies, BS, University of Central Oklahoma, 1981, M.Ed., University of Central Oklahoma, 2000

**Givan, Christopher F.**, Liberal Arts, BA, Yale University, 1966; MA, Stanford University, 1968; PhD, Stanford University, 1970

\***Gorrell, Brian**, Fine Arts and Design, BMEd, University of Central Oklahoma, 1995; MM, Oklahoma City University, 1998

**Goudge, Darrell**, Business Administration, BS, Iowa State University, 1976; MBA, National University, 1981; MS, University of Colorado, 1989; PhD, New Mexico State University, 1994

\***Gourley, Michael D.**, Mathematics and Science, BBA, University of Oklahoma, 1974; MS, University of Oklahoma, 1975

**Govich, Marilyn**, Fine Arts and Design, BM, University of Oklahoma, 1971; BMEd, University of Oklahoma, 1971; MM, University of Oklahoma, 1973; DMA, University of Oklahoma, 2002

\***Grace, April**, Education and Professional Studies, BS, University of Oklahoma, 1989; M.Ed., University of Oklahoma, 1992; EDD, University of Phoenix, 2007

\***Gravel, Craig**, Forensic Science Institute, BS, Oklahoma City University, 1988; MS, Oklahoma City University, 1992

**Gray, Gordon T.**, Business Administration, BS, East Central Oklahoma, 1983; MBA, Oklahoma State University, 1985; PhD, University of Oklahoma, 1994

**Green, Barbara**, Education and Professional Studies, BS, Cameron University, 1980; MS, Southwestern State University, 1986; PhD, Oklahoma State University, 1992

\***Green, Pamela**, Fine Arts and Design, BM, Oklahoma City University, 1970; MM, Oklahoma City University, 1973

**Grellner, Janelle**, Education and Professional Studies, BS, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1991; PhD, University of Oklahoma, 2001

**Grzybowski, Joseph A.**, Mathematics and Science, BS, St. Bonaventure University, 1970; MS, St. Bonaventure University, 1974; PhD, University of Oklahoma, 1980

## H

**Hamlin, Mark E.**, Education and Professional Studies, BS, Oklahoma Christian University, 1991; MA, University of Central Oklahoma, 1994; PhD, Oklahoma State University, 2001

\***Hanan, David A.**, Fine Arts and Design, BSE, Missouri Western State College, 1995; MM, University of Missouri-Kansas City, 1997

**Hancock, Thomas W.**, Education and Professional Studies, BS, Saginaw Valley State University, 1994; MA, Central Michigan University, 1997; PhD, university of Georgia, 2002

\***Hardman, David J.**, Fine Arts and Design, BM, Ball State University, 1981; MM, University of Cincinnati, 1983

**Hardt, Jan C.**, Liberal Arts, BA, Union College-New York, 1986; MA, University of California-Davis, 1988; PhD, University of Maryland-College Park, 1993

\***Harris, Jason T.**, Liberal Arts, BA, University of Central Oklahoma, 2006; MA, University of Central Oklahoma, 2008

## Graduate Faculty

**Hartmann, David**, Business Administration, BS, United States Air Force Academy, 1969; MS, Air Force Institute of Technology, 1976; MBA, College of William and Mary, 1987; PhD, Oklahoma State University, 2004

\***Hassell, Harden**, Education and Professional Studies, BS, Oklahoma State University, 1972; MS, Oklahoma State University, 1973

**Haulman, April L.**, Education and Professional Studies, BA, Colorado State University, 1972; M.Ed, University of Alabama, 1978; PhD, University of Oklahoma, 1987

**Haxton, Paul Richard**, Education and Professional Studies, BS, Oklahoma State University, 1969; BS, University of Science and Arts of Oklahoma, 1978; MS, Oklahoma State University, 1999; EdD, Oklahoma State University, 2009

**Hayes, Kevin J.**, Liberal Arts, BA, University of Toledo, 1981; M.Ed, University of Toledo, 1983; MA, University of Delaware, 1989; PhD, University of Delaware, 1991

**Haynie, Michelle**, Mathematics & Science, BS, Oklahoma State University, 1998; MS, Oklahoma State University, 2000; PhD, Texas Tech University, 2006

\***Hearn, Sarah**, Fine Arts & Design, BFA, College of Santa Fe, 2001; MFA, Rochester Institute of Technology, 2010

\***Hefley, Earl**, Fine Arts and Design, BS, Oklahoma City University, 1964; M.Ed, University of Central Oklahoma, 1973

**Hefner, Larry**, Fine Arts and Design, BFA, University of Oklahoma, 1971; MFA, University of Oklahoma, 1973

**Heit, Siegfried E.**, Liberal Arts, BS, University of Wisconsin, 1963; MA, University of North Dakota, Eberhard-karls University (Tuebingen, FRG), 1969; PhD, Florida State University, 1975

**Hellack, Jenna J.**, Mathematics & Science, BS, East Central Oklahoma State University, 1968; MS, Oklahoma State University, 1969; PhD, University of Oklahoma, 1975

**Henderson, Melinda**, Mathematics and Science, BSN, University of Central Oklahoma, 1975; M.Ed, University of Arkansas, 1981; EdD, University of Arkansas, 1989

\***Hendrickson, Jean**, Education and Professional Studies, BA, Oklahoma City University, 1983; M.Ed., University of Central Oklahoma, 1987

**Hepner, Mickey A.**, Business Administration, BBA, University of Oklahoma, 1992; MA, University of Oklahoma, 1994; PhD, University of Oklahoma, 2001

**Hickman, William H.**, Liberal Arts, BA, Oklahoma Baptist University, 1971; MA, Texas Christian University, 1976; JD, Oklahoma City University, 1985

\***Hicks, Lawrence E.**, Liberal Arts, BS, Emporia State University, 1969; MA, MS, Emporia State University, 1973

**Higa, Keith**, Education and Professional Studies, BS, University of Central Oklahoma, 1996; M.Ed., University of Central Oklahoma, 1999; PhD, Oklahoma State University, 2010

\***Hill, Charles E.**, Liberal Arts, BA, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1999

\***Hill, Christopher Michael**, Liberal Arts, BA, University of Oklahoma, 1994; MA, University of Oklahoma, 1996; PhD, University of Oklahoma, 2004

\***Hill, Yvonna**, Forensic Science Institute, BS, University of Central Oklahoma, 1988; MA, University of Oklahoma, 1998  
**Hitz, John**, Liberal Arts, BA, Indiana University, 1988; MA, Georgia State University, 1998; PhD, Purdue University, 2012

**Hochenauer, Kurt**, Liberal Arts, BA, University of Missouri, 1981; MA, University of Central Oklahoma, 1985; PhD, Oklahoma State University, 1991

**Holder, Lisa**, Education and Professional Studies, BA, Northwestern Oklahoma State, 1984; M.Ed., Northwestern Oklahoma State University, 1989; EdD, Oklahoma State University, 2004

**Hollrah, Matthew W.**, Liberal Arts, BA, Oklahoma State University, 1995; MFA, Western Michigan University, 2000; PhD, Kansas University, 2005

**Holmes, Tawni**, Education and Professional Studies, BS, Oklahoma State University, 1992; MS, Oklahoma State University, 1993; PhD, Oklahoma State University, 2000

**Honea, (Ted) Sion M.**, Fine Arts and Design, BM, University of Central Oklahoma, 1974; MA, Eastman School of Music, 1980; PhD, SUNY Buffalo, 1991

**Hopkins, Britney**, Mathematics and Science, BS/BA, University of Arkansas at Little Rock, 2004; MS, University of Arkansas at Little Rock, 2006; PhD, Baylor University, 2009

**Hora, Bambi**, Business Administration, BS, Oklahoma State University, 1981; MAcctS, Northern Illinois University, 1983; JD, University of Oklahoma, 1998

**Horton, Amanda**, Fine Arts and Design, BFA, Oklahoma State University, 2003; MFA, University of Central Oklahoma, 2007

\***House, Paul**, Education and Professional Studies, BSED, Oklahoma Christian University, 1994; MS, University of Oklahoma, 1997; PhD, Oklahoma State University, 2009

**Hughes, Charles A.**, Mathematics and Science, BS, Michigan Technological University, 1981; MS, University of Georgia, 1985; PhD, University of Georgia, 1988

\***Huber, Kate**, English, BA, Pennsylvania State University, 2005; English, MA, University of Delaware, 2008; English, PhD, Temple University, 2013;

\***Hurleigh, Shannon**, Fine Arts & Design, BM, University of Central Oklahoma, 2006; MFA, Texas Tech University, 2010

**Hurt, Douglas**, Liberal Arts, BS, University of Missouri, 1994; MA, University of Missouri, 1995; PhD, University of Oklahoma, 2000

## I

**Ice, Randal D.**, Business Administration, BBA, University of Oklahoma, 1980; MBA, University of Michigan, 1982; EdD, Oklahoma State University, 1997

## J

**Jackson, Diane H.**, Education and Professional Studies, BS, University of South Alabama, 1976; MLS, University of Alabama, 1981; PhD, University of Oklahoma, 1997

## Graduate Faculty

\***Jacobson, Jamie**, Fine Arts and Design, BS, Brigham Young University, 1977; MA, Brigham Young University, 1980

\***Jacobson-Peters, Amy**, Fine Arts and Design, BA, William Woods College, 1989; MS, University of Central Oklahoma, 1995

\***Jagosh, Steve J.**, Liberal Arts, BA, University of Central Oklahoma, 1994; MA, University of Central Oklahoma, 1996

**Jassemnejad, Bahaeddin**, Mathematics and Science, BS, University of Central Oklahoma, 1981; MS, University of Central Oklahoma, 1983; PhD, Oklahoma State University, 1987

\***Jeyaraj-Powell, Tephillah**, Social Sciences, BA, Maduria Kamaraj University, 2001; Psychology, MA, University of Mysore, 2003; Psychology, University of Georgia, PhD, 2011

**Jezerca, Michael W.**, Mathematics and Science, BS, University of Central Oklahoma, 1983; PhD, Oklahoma State University, 1989

**Jiang, Yuhao**, Mathematics and Science, BS, Nanjing University of Aeronautics & Astrophysics, 1993; MS, Shanghai Jiaotong University, 2000; PhD, Case Western Reserve University, 2006

**Johnson, Amy**, Fine Arts and Design, BFA, Iowa State University, 1994; MFA, The School of the Art Institute of Chicago, 1999

**Johnson, Arnell**, Business Administration, BS, A.M. & N. College, 1967; MBA, Washington University, 1969; PhD, University of Oklahoma, 1997

\***Johnson, Scott**, Fine Arts and Design, BA, Oklahoma City University, 1990; MA, 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

**Jourdan, Thomas H.**, Forensic Science Institute/Mathematics and Science, BA, University of California, Riverside, 1974; BS, University of California, Riverside, 1974; MS, University of California, Riverside, 1975; MBA, University of California, Los Angeles, 1979; MS, University of California, Irvine, 1984; PhD, University of California, Irvine, 1986

**Jung, Minje**, Business Administration, BS, Seoul National University, Korea, 1975; MBA, Seoul National University, Korea, 1983; PhD, Florida State University, 1989

## K

**Kambour, Tina**, Fine Arts and Design, BA, Florida International University, 1978; CMA, Laban/Bartenieff Institute of Movement Studies, NY, NY, 1988; M.A., Columbia University, 1989

**Karber, Kristin**, Mathematics and Science, BS, Missouri Southern State University, 1999; PhD, University of Arkansas, 2005

**Karpowicz, Steven**, Mathematics & Science, BS, Washington University St. Louis, 2005; PhD, University of California, Los Angeles, 2011

\***Kastner, Glen**, Education and Professional Studies, B.Ed., University of Central Oklahoma, 1967; M.Ed., University of Central Oklahoma, 1973

**Kearns, Donna**, Education and Professional Studies, B.Ed., University of Hawaii, 1977; M.Ed., University of Hawaii, 1979; PhD, University of Missouri, 1992

**Kearns, Gayle**, Fine Arts and Design, BS, University of Oklahoma, 1973; MS, University of Oklahoma, 1975; EdD, Oklahoma State University, 1988

**Khandaker, Morshed**, Mathematics and Science, BS, Bangladesh University of Engineering and Technology, 1999; MS, Texas Tech University, 2002; PhD, Texas Tech University, 2007

**Kickham, Kenneth P.**, Liberal Arts, BS, Oklahoma State University, 1992; MPA, University of Oklahoma, 1994; PhD, University of Oklahoma, 2000

\***Kidwell, Jeffrey Kent**, Fine Arts and Design, BME, University of Central Oklahoma, 1986; MM, University of Central Oklahoma, 1993

**Killian, J. Keith**, Liberal Arts, BA, University of Central Oklahoma, 1986; DO, Oklahoma State University, 1991

**Klages, James L.**, Fine Arts and Design, BM, (Magna cum Laude), SUNY Fredonia, 1978; MM, Indiana University, 1982; DMA, Indiana University, 2003

**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 and Professional Studies, BS, Carnegie-Mellon University, 1970; MS, Pennsylvania State University, 1971; PhD, Pennsylvania State University, 1973

**Knoche, Harry (Trip)**, Business Administration, B.S., University of Central Missouri, 1981; MBA, University of Chicago, 1987; Ph.D., Florida Atlantic University, 2010

**Kotturi, Hari**, Mathematics and Science, BS Avanthi College, Hyderabad, India, 1999; MS, DSM College, Maharashtra, India, 2001; PhD, Clemson University, SC, USA, 2009

**Krishnan, V. Sivarama**, Business Administration, BS, University of Kerala, 1968; AICWAI, Institute of Cost & Works Accounting of India, 1982; PhD, Texas Tech, 1988

**Kuzminski, Pam**, Education and Professional Studies, BS, University of Oklahoma, 1973; M.Ed., North Texas State University, 1980; PhD, North Texas State University, 1984

**Kyle, Sarah**, Liberal Arts, BA, University of Western Ontario, 2000; MA, Queen's University, 2002; PhD, Emory University, 2010

## L

**Lack, Caleb W.**, Education and Professional Studies, BA, Oklahoma State University, 2001; MS, Oklahoma State University, 2003; PhD, Oklahoma State University, 2006

**Lacy, Robin H., Jr.**, Education and Professional Studies, BS, Oklahoma State University, 1985; MS, Oklahoma State University, 1998; PhD, Oklahoma State University, 2011



## Graduate Faculty

**LaGrow, Patricia**, Mathematics and Science, BS, University of Central Oklahoma, 1976; University of Oklahoma, 1979; PhD, Texas Woman's University, 1993

\***Lakin, Paul L.**, Liberal Arts, BA, University of Oklahoma, 1987; JD, Oklahoma City University, 1990

**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**, Fine Arts and Design, BMed, Baylor University, 1986; MM, University of Notre Dame, 1988; DMA, University of North Texas, 2001

\***Lambeth, Jill**, Advertising/Public Relations, BA, Oklahoma City University, 1998; Management, MS, Southern Nazarene University, 2007; Curriculum Studies, PhD, Oklahoma State University, 2011

\***Lashley, Judith**, Education and Professional Studies, BSEd, Oklahoma Christian College, 1976; M.Ed., Oklahoma City University, 1990; ABD, University of Oklahoma, in progress (2012)

**Laverty, Sean**, Mathematics and Science, BS, Millersville University, 2005; MS, University of Utah, 2007; PhD, University of Utah, 2011

**Law, Stephen C.**, Liberal Arts, BA, Florida State University, 1978; MA, Florida State University, 1980; PhD, Florida State University, 1986

\***Lee, Oksun**, Elementary Education, BEd, Gyeongin National University of Education, 1992; Elementary Art Education, MEd, Korea National University of Education, 1999; Art Education, PhD, Florida State University, 2012

**Lemley, Evan C.**, Mathematics and Science, BA, Hendrix College, 1989; MS, University of Arkansas, 1991; PhD, University of Arkansas, 1996

**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

**Limke, Alicia**, Education and Professional Studies, BS, Southern Nazarene University, 2000; MS, University of Oklahoma, 2002; PhD, University of Oklahoma, 2005

\***Loafman, Lucinda**, Education and Professional Studies, BA, Stephen F. Austin, 1981; M.Ed., University of Central Oklahoma

\***Lopez, Regina**, Education and Professional Studies, BA, University of Central Oklahoma, 1986; M.Ed, University of Central Oklahoma, 1996; EACS, University of Oklahoma, in progress

**Lord, Wayne**, Forensic Science Institute/Mathematics & Science, BS, Eastern University, Pennsylvania, 1976; MS, University of Delaware, 1978; PhD, University of New Hampshire, 1982

**Loughlin, Patricia E.**, Liberal Arts, BA, Pepperdine University, 1993; MA, Pepperdine University, 1996; PhD, Oklahoma State University, 2000

\***Lovett, Cheryl**, Education and Professional Studies, BS, University of Central Oklahoma, 1980; MS, Oklahoma State University, 1990; ABD, University of Oklahoma, in progress

**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

**Ludlum, Marty**, Business Administration, BA, University of Oklahoma, 1986; MA, University of Oklahoma, 1994; JD, University of Oklahoma, 1989

**Luxenburg, Joan**, Liberal Arts, BA, Queens College, 1969; MA, New York University, 1971; MA, Columbia University, 1975; EdD, Columbia University Teachers College, 1978; MSW, University of Oklahoma, 1986

### M

**Mabry, John P.**, Forensic Science Institute, BS, University of Tennessee, 1981; JD, University of Alabama, 1984

**MacDonald, Stuart T.**, Business Administration, BA, University of Texas at Dallas, 1987; JD, Oklahoma City University, 1990; MS, University of Texas at Dallas, 1999; PhD, University of Texas at Dallas, 2000; LLM, George Mason University, 2007

**Macey, J. David, Jr.**, Liberal Arts, AB, Yale University, 1988; AM, Brown University, 1994; MA, Vanderbilt University, 1995; PhD, Vanderbilt University, 1998

**Machell, James**, Education and Professional Studies, BA, Oklahoma City University, 1974; ME.d, University of Central Oklahoma, 1984; PhD, University of Oklahoma, 1991

**Magrill, Samuel M.**, Fine Arts and Design, BM, Oberlin College, 1975; MM, University of Illinois, 1976; DMA, University of Illinois, 1983

**Maier, Elizabeth**, Liberal Arts, BA, George Washington University, 1999; MPA, Texas A&M University, 2002; PhD, University of Nebraska-Omaha, 2006

**Maloy, Kristopher**, Fine Arts & Design, BM, Oklahoma City University, 2000; MM, Bowling Green State University, 2002; DMA, University of Texas at Austin, 2005

**Manral, Lalit**, Business Administration, B Tech, REC Calicut, India, 1993; MIB, IIFT New Delhi, India, 1996; PhD, Columbia University, USA, 2006

**Marks, Angela**, Fine Arts and Design, BFA, West Virginia University, 1994; MFA, University of Georgia, 1998

**Mather, Robert D.**, Education and Professional Studies, BA, Westminster College, 1998; MA, University of Central Oklahoma, 2000; PhD, Texas Tech University, 2006

**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, David W.**, Fine Arts and Design, BA, Knox College, 1994; MFA, University of Dallas, 1999

## Graduate Faculty

**McClendon, Michael S.**, Mathematics & Science, BS, State University of New York-Brockport, 1993; MS, Syracuse University, 1995; PhD, University of Louisiana, 2000

\***McCune, LaDonna**, Sociology, BA, Central State University, 1990; Criminal Justice, MA, University of Central Oklahoma, 1992; Education, PhD, Oklahoma State University, 2005

**McCoy, Mark R.**, Forensic Science Institute/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

\***McKenzie, S. Kay**, Education and Professional Studies, BSED, University of Central Oklahoma, 1977; M.Ed, University of Central Oklahoma, 1997

\***McKibbin, Jeff**, Education and Professional Studies, BSED, University of Central Oklahoma, 1977; M.Ed., University of Central Oklahoma, 1978

**Meier, Steven**, Mathematics and Science, BS, University of Central Oklahoma, 2004; PhD, University of Southern California, 2008

**Mertens, Dan**, Business Administration, BA, Colorado State University, 1993; MBA, University of Arizona, 1999; PhD, University of Arizona, 2003

\***Messick, Carolyn**, Education and Professional Studies, BS, Oklahoma State University, 1985; MS, University of Oklahoma Health Sciences Center, 1987

\***Meyers, Karen**, Education and Professional Studies, BS, University of Central Oklahoma, 1995; MS, University of Central Oklahoma, 1998

\***Middleton, Katherine M.**, Liberal Arts, BA, Texas Tech University, 1971; MHR, University of Oklahoma, 1988; MSW, University of Oklahoma, 1998

\***Miller, Amanda J.**, Liberal Arts, BA, Ohio State University, 2005; MA, Ohio State University, 2005; MSW, University of Southern Indiana, 2002; PhD, Ohio State University, 2009

**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

**Milligan, Thomas**, Mathematics and Science, BS, Brigham Young University, 1997; MS, Brigham Young University, 1999; PhD, College of William and Mary, 2004

**Mizzell, Donald**, Liberal Arts, BA, University of Oklahoma, 1972; MA, California State University (Fullerton), 1976; PhD, Madison University, 2001

**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

\***Montgomery, Sarah**, Education and Professional Studies, BS, University of Missouri, 1969; MS, Central Missouri State University, 1974

**Montes, Luis**, Mathematics and Science, BA, New Mexico State University, 1990; BS, New Mexico State University, 1990; PhD, University of Texas at Austin, 1996

\***Moran, Margaret**, Music, BA, University of Chicago, 1999; Horn Performance, MA, Indiana University, 2001; Horn Performance and Literature, PhD, Indiana University, 2013

\***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

\***Morris, Theodora**, Fine Arts & Design, State Examinations in Violin, 1973, and Recorder, 1976, from the Hochschule fuer Musik und darstellende Kunst in Vienna, further study at Arizona State University, 1984-1989

**Morris, Tracy**, Mathematics and Science, BS, Oklahoma State University, 1994; MS, University of Central Oklahoma, 2001; PhD, Oklahoma State University, 2007

\***Muhamedagic, Cynthia A.**, Education and Professional Studies, BA, University of Northern Iowa, 2004; MS, Oklahoma State University, 2007; PhD, Oklahoma State University, 2012

**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

**Musgrove, Margaret**, Liberal Arts, BA, University of Texas at Austin, 1984; MA, University of North Carolina-Chapel Hill, 1987; PhD, University of North Carolina-Chapel Hill, 1991

**Myles-Nixon, Charolette**, Education and Professional Studies, BS, University of Central Oklahoma, 1976; M.Ed, University of Central Oklahoma, 1979; PhD, Oklahoma State University, 1993

## N

**Nelson, David**, Liberal Arts, BA, Cameron University, 1992; MA, University of Oklahoma, 1996; PhD, Oklahoma State University, 2004

**Nelson, Frank W.**, Education and Professional Studies, BS, Oklahoma State University, 1976; MS, Oklahoma State University, 1973; EdD, Oklahoma State University, 1980

**Nelson, Karl**, Fine Arts and Design, BS, University of Illinois at Urbana-Champaign, 1996; MM, Louisiana State University, 2001; DMA, Louisiana State University, 2005

**Nelson, R. Mike**, Education and Professional Studies, 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

**Nica, Mihai**, Business Administration, BS, IPTVT Timisoara, 1986; MA, Jackson State University, 1995; PhD, Jackson State University, 2007

## Graduate Faculty

**Noel, David E.**, Business Administration, BS, Southern Illinois University, 1972; MBA, Western Illinois University, 1974; 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

**Nystul, Daisy**, Fine Arts and Design, BFA, Eastern New Mexico University, 1990; MFA, Louisiana State University, 1993

## O

**O'Brien, Christopher**, Forensic Science Institute/Mathematics and Science, BA, University of Florida, 1998; MFS, National University, 2001; PhD, University of Western Australia, 2008

**Oller, Jeremy**, Business Administration, BBA, UCO, 1996; JD, University of Oklahoma, 1999; PhD, University of Oklahoma, 2006

**Olson, Paul**, Mathematics and Science, BS, University of Central Oklahoma, 1989; MS, University of Central Oklahoma, 1993; PhD, University of Oklahoma, 2000

**Ovrebo, Clark L.**, Mathematics and Science, Valley City State College, 1971; MS, University of Idaho, 1973; PhD, University of Toronto, 1981

**Owen, Linda**, Fine Arts & Design, BA, Macalester College, 1962; MM, Indiana University, 1964; PhD, University of Oklahoma, 1997

## P

**\*Pac, Teresa**, Restoration, BA, Fashion Institute of Technology, 1993; Art History, MA, Hunter City University of New York, 1996; Art History, PhD, Binghamton University, 2005

**\*Pace, Rebecca**, Entomology, BS, Oklahoma State University, 2007; Microbiology/Immunology, MS, University of Oklahoma Health Sciences Center, 2009; Entomology, PhD, Oklahoma State University, 2013

**Palmer, Robert E.**, Fine Arts and Design, BFA, University of Oklahoma, 1973; MFA, East Tennessee State University, 1978; EdD, Oklahoma State University, 1996

**Park, Myung-Ah (Grace)**, Mathematics and Science, BS, Mathematics, Chungnam National University, 1990; MS, Chungnam National University, 1992; MS, Computer Science, University of Texas, 2007; PhD, University of Texas, 2007

**\*Payne, Terry**, Education and Professional Studies, BA, Utah State University, 1980; M.Ed., Brigham Young University, 1981; M.Ed., University of Central Oklahoma, 1986

**Paynter, Bradley**, Mathematics and Science, BS, Trevecca Nazarene University, 2003; MS, Clemson University, 2008; PhD, Clemson University, 2012

**\*Peters, Richard**, Liberal Arts, BA, University of Wichita, 1955; MA, University of Oklahoma, 1961; PhD, University of Oklahoma, 1971

**\*Peak, David**, Education and Professional Studies, BS, University of Central Oklahoma, 1983; M.Ed., University of Central Oklahoma, 1989

**\*Perez, Jason R.**, Education and Professional Studies, BSED, University of Central Oklahoma, 2001; M.Ed., University of Central Oklahoma, 2004

**Petete, Timothy Aleck**, Liberal Arts, BA, University of Oklahoma, 1999; MA, University of California, Los Angeles, 2002; PhD, University of Oklahoma, 2011

**\*Pickens, Thomas**, Education and Professional Studies, BBA, University of Central Oklahoma, 1979; M.Ed., Southern Nazarene University, 1998

**Plaks, Jeffrey**, Liberal Arts, BA, University of Connecticut, 1989; MA, University of Connecticut, 1992; PhD, Northern Illinois University, 1998

**Popplewell, Susan**, Education and Professional Studies, BS, Oklahoma State University, 2000; M.Ed., University of Central Oklahoma, 2004; PhD, Capella University, 2010

**Powers, Melissa**, Education and Professional Studies, BSEd, University of Arkansas, 1998; MS, University of Arkansas, 2001; PhD, University of Arkansas, 2007

## Q

**Qian, Gang**, Mathematics and Science, BS, Shanghai Jiao Tong University, 1995; MS, Shanghai Jiao Tong University, 2000; PhD, Michigan State University, 2004

**Quigley, Kim**, Education and Professional Studies, BS, University of Central Oklahoma, 1988; MS, University of Central Oklahoma, 1990; PhD, Oklahoma State University, 2005

## R

**\*Rahm, Shay**, Liberal Arts, BA, University of Central Oklahoma, 1999; MA, University of Central Oklahoma, 2001

**Rassouli-Currier, Susanne**, Business Administration, BS, University of National Iranian Oil Company, 1980, MBA, University of Central Oklahoma, 1990, PhD, Oklahoma State University, 2002

**Ravikumar, Rukmini**, Fine Arts and Design, BA, University of Madras, India, 1999; MFA, Iowa State University, 2003.

**Redus, Brady**, Education and Professional Studies, BS, University of Central Oklahoma, 1998; MS, University of Oklahoma, 2001; PhD, Oklahoma State University, 2004

**Reed, Douglas P.**, Liberal Arts, BA, East Carolina University, 1980; MA, East Carolina University, 1986; PhD, Oklahoma State University, 1992

**\*Reiman, Sue Ellen**, Fine Arts and Design, BFA, University of Oklahoma, 1976; MA, University of Oklahoma, 1988

**\*Reinschmidt, Clynell (McNutt)**, Education and Professional Studies, BA, University of Central Oklahoma, 1972; MA, University of Oklahoma, 1975

**Remy-Schumacher, Tess**, Fine Arts and Design, BM, Kuntlerische Reifepfung, Musikhochschule Cologne, 1987; MM, University of Southern California, Los Angeles, 1989; DMA, University of Southern California, Los Angeles, 1998

## Graduate Faculty

\***Reynolds, Anita**, Education and Professional Studies, BS, Southwestern Oklahoma State University, 1976; MS, Oklahoma State University, 1977; Ed.D, Oklahoma State University, 1988

\***Reynolds, Rebecca**, Education and Professional Studies, BS, University of Tulsa, 1978; MS, University of Oklahoma, 1983

**Rice, Allen C.**, Liberal Arts, BA, University of Oklahoma, 1980; MA, University of Oklahoma, 1983; PhD, University of Indiana, 1993

\***Richman, Pamela**, Fine Arts and Design, BM, Roosevelt University, 1978; MM, University of Illinois, 1981

**Rider, Linda**, Mathematics & Science, BSN, University of Mary Hardin-Baylor, 1983; MS, University of Oklahoma, 1998; EdD, Oklahoma State University, 2009

\***Roark, Rhys William**, Fine Arts & Design, BA, University of Central Oklahoma, 1990; MA, Syracuse University, 1994; PhD, University of Louisville, 2004

\***Roberson, Glen R.**, Liberal Arts, BA, Northwestern State College, 1968; MA, Oklahoma State University, 1972; PhD, Oklahoma State University, 1976

**Roberson, Jere W.**, Liberal Arts, BS, Tennessee Technological University, 1962; MA, Auburn University, 1963; PhD, University of Georgia, 1966

\***Roberson, Shawn**, Forensic Science Institute, BA, University of Central Oklahoma, 1993; MA, University of Central Oklahoma, 1995; PhD, University of Missouri-Kansas City, 2000

\***Robinson, Jill**, Sociology, BA, University of Oklahoma, 1999; Wellness Management, MS, University of Central Oklahoma, 2003;

\***Rohr, Clint**, Fine Arts & Design, BI, Oklahoma City University, 2001; MI, University of Central Oklahoma, 2003

\***Rollins, Pamela**, Mathematics and Science, BSN, University of Tulsa, 1975; MPH, University of Oklahoma, 2005; DNP, Oklahoma City University, 2012

\***Romines, Robert**, Education and Professional Studies, BSED, University of Central Oklahoma, 1994; M.Ed., University of Central Oklahoma, 1998

**Rooker, Jill**, Education and Professional Studies, BS, Oklahoma State University, 1976; BS, Oklahoma State University, 1978; MS, Oklahoma State University, 1984; PhD, Indiana University, 1995

**Rudebock, C. Diane**, Education and Professional Studies, BS, University of Oklahoma, 1971; MS, Oklahoma State University, 1997; EdD, Oklahoma State University, 2001

Rundle, Dana R., Mathematics and Science, BS, University of Central Oklahoma, 1992, Ph.D., University of Oklahoma Health Sciences Center, 2000

**Rupp, Gabriel V.**, Education and Professional Studies, BA, Pittsburg State University, 1983; MA, Pittsburg State University & University of Central Oklahoma, 1994; PhD, University of Oklahoma, 2005

## S

**Sasser, Sue Lynn**, Business Administration, BA, University of Central Oklahoma, 1976; MS, University of Central Oklahoma, 1980; PhD, Texas Woman University, 1983

**Schilz, Candice**, Fine Arts & Design, BA, Indiana University at Bloomington, 1976; MEd, Southwestern Oklahoma State University, 1981; EDd, Indiana University at Bloomington, 1993

\***Schlinke, Tiffany**, Education and Professional Studies, BS, University of Oklahoma Health Sciences Center, 1992; MS, University of Oklahoma Health Sciences Center, 1997

**Scott, Gregory M.**, Liberal Arts, BA, Ohio Wesleyan University, 1970; MA, University of Virginia, 1973; MDiv, Oral Roberts University, 1987; PhD, University of Virginia, 1989

**Scott, Susan**, Education and Professional Studies, BS, University of Central Oklahoma, 1977; M.Ed, University of Central Oklahoma, 1980; EdD, Oklahoma State University, 1998

**Sears, D. Kaye**, Education and Professional Studies, BS, University of Oklahoma, 1961; M.Ed, University of Central Oklahoma, 1969; EdD, Oklahoma State University, 1978

**Sebert, Candy A.**, Education and Professional Studies, BS, Oklahoma State University, 1972; M.Ed., Northeastern University, 1974; EdD, Oklahoma State University, 1983

\***Settles, Valerie Lynne**, Fine Arts and Design, BS, University of Central Florida, 1986, MS, University of Oklahoma, 1992, MS, University of Central Oklahoma, 1995

**Sharp, Brett S.**, Liberal Arts, BS, Oklahoma State University, 1988; MPA, University of Oklahoma, 1991, PhD, University of Oklahoma, 1998

**Sharp, Ryan**, Music, BM, University of Central Oklahoma, 2002; Music, MM, Oklahoma City University, 2008; Musical Arts, PhD, University of Missouri-Kansas City, 2012

\***Sharp-Overman, Elizatbeth**, Political Science, BA, University of Colorado, 1982; Social Science/History, MA, University of Colorado/Jackson State University, 1987/1992; Public Policy and Administration, PhD, Jackson State University, 2003

**Sheets, Mary Flanagan**, Business Administration, BS, Oklahoma City University, 1980; MS, Oklahoma State University, 1988; PhD, University of Oklahoma, 1995

**Sheetz-Nguyen, Jessica**, Liberal Arts, BA, Cabrini College, 1973; MA, Millersville University of Pennsylvania, 1988; PhD, Marquette University, 1999

**Shin, Young-Tae**, Liberal Arts, BA, University of Washington, 1983; MA, University of Washington, 1986; PhD, University of Washington, 1992

**Shreck, R. Paulette**, Education and Professional Studies, BSED, Oklahoma Christian University, 1975; M.Ed, University of Central Oklahoma, 1980; MS, Oklahoma State University, 1988; PhD, University of Oklahoma, 1994

**Shukla, Rashi K.**, Liberal Arts, BA, University of Central Oklahoma, 1994, MA, Rutgers University, 1996, Ph.D., Rutgers University, 2003

**Silcox, Mark**, Liberal Arts, BA, University of Toronto, 1992; MA, University of Toronto, 1993; PhD, Ohio State University, 2002

## Graduate Faculty

\***Silverman, Philip**, Mathematics and Science, BS, University of Illinois, 1964; PhD, University of California, Berkeley, 1968

**Similly, Leslie E.**, Liberal Arts, BA, University of Central Oklahoma, 2006; MA, University of Central Oklahoma, 2008; PhD, University of Texas at Arlington, 2012

**Sims, Jeanetta D.**, Business Administration, BS, Oklahoma Christian University, 1993; MA, Abilene Christian University, 1995; PhD, University of Oklahoma, 2008

**Simmons, Charlotte K.**, Mathematics and Science, BA, East Texas State University, 1988; MA, University of North Texas, 1990; PhD, University of Oklahoma, 1998

\***Simpson, Martha C.**, Liberal Arts, BA, University of Central Oklahoma, 1999; ASI & ASAM Certified, 2000; MHR, University of Oklahoma, 2001; Certified & Licensed Drug & Alcohol Counselor, 2007

**Singer-Farber, Gayle S.**, Fine Arts and 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

\***Singleton, Billy**, Education and Professional Studies, BS, University of Nevada - Las Vegas, 2000; MS, University of Nevada - Las Vegas, 2002; PhD, California Southern, 2006

\***Smeltzer, Steven**, Fine Arts and Design, BFA, Florida State University, 1983

\***Smith, Robert T.**, Fine Arts and Design, BA, Bethany College, 1979; MFA, University of Oklahoma, 1988

**Sneed, Richard**, Liberal Arts, BA, University of Texas, 1983; MA, Michigan State University, 1989; PhD, Florida State University, 1995

\***Snider, Gayle**, Education and Professional Studies, BA, University of Colorado, 1972; MPH, University of North Carolina, Chapel Hill, 1976; MS, University of Oklahoma Health Sciences Center, 1996; MS, with Honors, University of Oklahoma, 1989; CPS, 2007

**Southerland, Stacy**, Liberal Arts, BA, Stephen F. Austin State University, 1987; MA, Indiana University, 1990; PhD, Indiana University, Bloomington, 1994

**Spelman, Mary D.**, Liberal Arts, BA, University of Central Oklahoma, 1971; M.Ed, University of Central Oklahoma, 1976; PhD, Oklahoma State University, 1996

**Spencer, Susan**, Liberal Arts, BA, California Polytechnic State University, San Luis Obispo, 1983; MA, California Polytechnic State University, San Luis Obispo, 1986; PhD, University of California, Santa Barbara, 1992

**Spigner, Terry E.**, Education and Professional Studies, BA, University of Oklahoma, 1977; MS, University of Oklahoma Health Sciences Center, 1980; MS, University of Central Oklahoma, 1986; PhD, Howard University, 1992

**Springer, John P.**, Liberal Arts, BA, University of Oklahoma, 1979; MA, University of Oklahoma, 1986; PhD, University of Iowa, 1994

\***Springer, Michael**, Liberal Arts, BA, University of Oregon, 1991; MA, Portland State University, 2000; PhD, University of St. Andrews, 2005

**Squires, Constance**, Liberal Arts, BA, University of Oklahoma, 1993; MA, University of Central Oklahoma, 1999; PhD, Oklahoma State University, 2005

**Stabler, Linda Brooke**, Mathematics and Science, AS, Brevard Community College, 1984; BS, St Joseph College, 1989; BS Arizona State University, 1997; PhD, Arizona State University, 2003

\***Stancampiano, Anthony**, Mathematics and Science, BS, University of Central Oklahoma, 1986; MS, University of Central Oklahoma, 1990; PhD, University of Oklahoma, 1999

**Stapleton, David P.**, Mathematics and Science, BS, University of California at Santa Barbara, 1979; MA, University of California at San Diego, 1981; PhD, University of Arizona, 1990

**Steele, Linda L.**, Liberal Arts, BA, University of Central Oklahoma, 1988; MA, University of Central Oklahoma, 1990; PhD, University of Southwestern Louisiana, 1996

**Stein, Wayne P.**, 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

**Steiner, Kevin**, Fine Arts & Design, BS, Oklahoma State University, 2003; BFA, University of Central Oklahoma, 2008; MFA, University of Central Oklahoma, 2009

**Steward, Gary A. Jr.**, Liberal Arts, BA, University of Central Oklahoma, 1991; MA, University of Central Oklahoma, 1992; PhD, Oklahoma State University, 1999

\***Steward, Nicholas**, Fine Arts & Design, BS, Central Michigan University, 2001; MM, Oklahoma City University, 2004; DMA, University of Oklahoma, in progress

**Stockwell, William**, Mathematics and Science, BS, University of Central Oklahoma, 1973; MA, University of Oklahoma, 1975; PhD, University of Oklahoma, 2002

**Stone, Paul A.**, Mathematics and Science, BS, University of Florida, 1987; MS, Auburn University, 1990; PhD, University of New Mexico, 1995

\***Stowe, Pat**, Education and Professional Studies, BAEd, University of Central Oklahoma, 1968; M.Ed, University of Central Oklahoma, 1998

**Streets, Barbara S.**, Fine Arts and Design, BMed, University of Oklahoma, 1982; MM, University of Oklahoma, 1986; PhD, University of Oklahoma, 2002

\***Stuart, Roger H.**, Liberal Arts, BA, University of Oklahoma, 1973; JD, University of Oklahoma, 1978

\***Sunderland, Ed**, Education and Professional Studies, BS, Penn State University, 1978; MS, University of Arizona, 1979

**Sung, Hong**, Mathematics and Science, BS, Seoul National University, 1984; MS, University of Louisiana, 1990; PhD, University of Arizona, 1994

**Swanson, Zane**, Business Administration, BS, MIT, 1971; MS, Carnegie Mellon, 1973; PhD, University of Oklahoma, 1991

\***Swearingen, Linda S.**, Liberal Arts, BA, University of Central Oklahoma, 2005; MS, University of Central Oklahoma, 2007

## Graduate Faculty

**Sweet-Darter, Mary**, Education and Professional Studies, BAEd, Oklahoma State University, 1964; M.Ed., Southwestern Oklahoma State, 1967; EdD, University of Oklahoma, 1993

**Swezey, Keith**, Liberal Arts, BA, University of Central Oklahoma, 1974; MS, Oklahoma State University, 1989; EdD, Oklahoma State University, 1997

## T

**Teal, Mary D.**, Business Administration, BS, University of Central Oklahoma, 1994; MBA, University of Central Oklahoma, 2002; JD, Oklahoma City University, 2005

**Terrell, Katherine P.**, Business Administration, BBA, University of Oklahoma, 1969; MBA, University of Central Oklahoma, 1990; EdD, Oklahoma State University, 1994

**Terrell, Robert L.**, Business Administration, BBA, University of Oklahoma, 1969; MBA, University of Oklahoma, 1971; EdD, Oklahoma State University, 1992

**\*Thompson, Sandra D.**, Fine Arts and Design, BM, Oklahoma City University, 1975; MMEd, University of Central Oklahoma, 1984; DMA, Oklahoma University, 2008

**\*Tippin, Mark**, Education and Professional Studies, BSED, University of Central Oklahoma, 1978; BS, University of Central Oklahoma, 1985; MS, Southern Nazarene University, 1996; PhD, Oklahoma State University, 2006

**\*Tomasko, Aaron**, Music Performance, BM, University of Central Oklahoma; Jazz Studies, MM, University of Central Oklahoma

**Traywick, Debra**, Education and Professional Studies, BSE, Southern Nazarene University, 1982; M.Ed, University of Central Oklahoma, 1984; Ed.D, St Louis University, 2003

**\*Tribble, Jeffery**, Education and Professional Studies, BA, Northeastern State University, 2003; M.Ed., University of Central Oklahoma, 2005; M.Ed., University of Central Oklahoma, 2010

**Tullis, Kim J.**, Business Administration, BS, Southern Nazarene University, 1977; MBA, University of Houston, 1988; PhD, University of Arkansas, 1996

**Turner, Thomas R.**, Mathematics and Science, BS, University of Washington, 1975; MS, Iowa State University, 1981; PhD, Iowa State University, 1987

**Tyner, Lee J.**, Business Administration, BBA, University of Oklahoma, 1992; MS, Southern Nazarene University, 1995; EdD, Oklahoma State University, 2006

**Tyner, Lee J.**, Business Administration, BBA, University of Oklahoma, 1992; MS, Southern Nazarene University, 1995; EdD, Oklahoma State University, 2006

## V

**Vanhoy, Mickie**, Education and Professional Studies, BA, University of Central Oklahoma, 1988; MA, University of Central Oklahoma, 1990; PhD, Arizona State University, 1997; Postdoctoral Fellowship, University of Connecticut, 1998-2001

**\*Vaughan, Danny**, Fine Arts and Design, BA, Oklahoma Christian University of Science and Arts, 1996; MM, University of Central Oklahoma, 1997

**Vaughan, Melville**, Mathematics and Science, BS, University of Oklahoma, 1987, PhD, University of Oklahoma Health Science Center, 1998

**Vaughan, Theresa**, Liberal Arts, BA, University of Michigan, 1990; MA, Indiana University, 1995; PhD, Indiana University, 1999

**\*Vaughn, Heidi**, Liberal Arts, BA, University of Oklahoma, 1993; MA, University of Central Oklahoma, 1998

**\*Vedala, Acharyulu Srinivas**, Liberal Arts, MA, Andhra University, 1981; MA, Andhra University, Waltair India, 1982; MA, Andhra University, Waltair, India, 1983; PhD, Andhra University, Waltair, India, 2000

**\*Verschelden, Cia**, Psychology, BA, Kansas State University, 1976; Social Work, MA, University of Connecticut, 1978; Education, PhD, Harvard University, 1984

**\*Vessier, Karen**, Nursing, BS, Loyola University of New Orleans, 1993; Nursing, MS, University of Oklahoma, 1998;

**\*Vincent, Brandon**, Education and Professional Studies, BS, Oklahoma State University, 2004; Au.D., University of Oklahoma, 2008

**Vincent, Dan**, Education and Professional Studies, BSE, Oklahoma Baptist University, 1999; M.Ed., University of Oklahoma, 2001; PhD, University of Oklahoma, 2006

**von Minden, David L.**, Mathematics & Science, BS, Texas Tech University, 1966; PhD, University of Nebraska, 1970

## W

**\*Wade, Rosalynn**, Education and Professional Studies, BAED, Southern Nazarene University, 1982; MAEd, Southern Nazarene University, 2000

**Wakefield, Judith E.**, Education and Professional Studies, BSEd, Emporia State University, 1969; MS, Emporia State University, 1971; PhD, University of Oklahoma, 1986

**\*Walderbach, Mary R.**, Education and Professional Studies, BAEd, Oklahoma Christian University of Science and Arts, 1987; M.Ed, University of Central Oklahoma, 1995

**Walker, Edward Robert**, Business Administration, BA, BBA, Southwest Texas State University, 1979, 1981; MBA, University of Houston, 1987; PhD, University of Houston, 1996

**Waples, Ethan**, Business Administration, B.S., Baker University, 2002; M.S., University of Oklahoma, 2004; Ph.D., University of Oklahoma, 2008

**\*Ward, Amanda**, Education and Professional Studies, BS, Central Christian College, 2003; M.Ed., University of Central Oklahoma, 2008

**Wardrope, William J.**, Business Administration, BA University of Central Oklahoma, 1986; MA, Oklahoma State University, 1988; PhD, University of Nebraska, 1995

**Washington, Pamela**, Liberal Arts, BA, Oklahoma State University, 1982; MA, Oklahoma State University, 1985; PhD, University of Southwestern Louisiana, 1993

**Webb, David D.**, Liberal Arts, BA, Pepperdine University, 1962; MA, University of Oklahoma, 1962; PhD, University of Oklahoma, 1978

**Webb, Keith R.**, Fine Arts and Design, BFA, University of Oklahoma, 1987; MA, University of Central Oklahoma, 1996; MFA, University of Central Oklahoma, 2007



## Graduate Faculty

**Webster, Joseph K.**, Education and Professional Studies, BA, Oklahoma State University, 1977; MS, Oklahoma State University, 1979; EdD, Oklahoma State University, 1990

**Weidell, Charleen**, Fine Arts and Design, BA, San Diego State University, 1975; BA, San Diego State University, 1999; MFA, San Diego State University, 2002

**\*Weides, Eileen R.**, Liberal Arts, BAEd, University of Nebraska, 1973; MHR, University of Oklahoma, 1989

**\*Weldon, Tyler**, Education and Professional Studies, BA, University of Central Oklahoma, 1983; MA, University of Central Oklahoma, 1987; PhD, University of New Mexico, (pending Summer 2012)

**Wert-Gray, Stacia**, Business Administration, BS, University of Arizona, 1981; MBA, University of Arizona, 1985; PhD, University of Oklahoma, 1993

**Wetsel, Jan**, Education and Professional Studies, BSEd, Oklahoma Christian University, 1978; M.Ed, University of Central Oklahoma, 1983; PhD, University of Oklahoma, 2005

**White, Greg**, Fine Arts and Design, BM, University of Central Oklahoma, 1992; MA, University of Central Oklahoma, 1994; PhD, Texas Tech University, 2007

**White, L. Keith**, Fine Arts and Design, BME, Wichita State University, 1968; MM, Wichita State University, 1986; PhD, Texas Tech University, 1993

**Wilhelm, Laura Hines**, Education and Professional Studies, BS, University of Central Oklahoma, 1988, M.Ed., University of Central Oklahoma, 1992, Ed.D, Oklahoma State University, 1999

**\*Wilhite, Emily**, Education and Professional Studies, B.Ed., Central State University, 1973; M.Ed., Central State University, 1975

**\*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, Fort Hays State University, 1994; PhD, Oklahoma State University, 2001

**Wilson, Weldon J.**, Mathematics and Science, BS, Oklahoma State University, 1973; PhD, Oklahoma State University, 1980

**Wooden, Lori**, Fine Arts and Design, BS, St. Cloud State University, 1980; MM, University of Minnesota, 1986; DMA, University of Wisconsin, Madison, 1996

### Y

**Youll, Lorraine K.**, Education and Professional Studies, BA, Missouri Southern State College, 1984; MA, University of Central Oklahoma, 1988; PhD, University of Oklahoma, 1994

### Z

**\*Zabel, Randel L.**, Liberal Arts, BA, Oklahoma State University, 1989; MA, University of Central Oklahoma, 1992; PhD, University of Texas at Austin, 2001

**Zhu, Hong**, Fine Arts and Design, BA, Central Conservatory of Music, Beijing, 1982; MM, Michigan State University, 1990; DMA, Michigan State University, 1995

**Zhu, Zhen**, Business Administration, BS, People's University of China, 1985; M, Bowling Green State University, 1987; PhD, University of Michigan, 1995

**\*Zimmerman, Mark**, Fine Arts and Design, BA, University of Central Oklahoma, 1993; M.Ed, University of Central Oklahoma, 1999

# GRADUATE COURSE DESCRIPTIONS



## Graduate Course Descriptions

### Key to Course Prefixes

Colleges:

- BADM** College of Business  
**CEPS** College of Education and Professional Studies  
**CFAD** College of Fine Arts & Design  
**CLA** College of Liberal Arts  
**CM&S** College of Mathematics and Science  
**FSI** Forensic Science Institute

### Course

Code Department, College

- ACCT Accounting, Accounting, BADM  
 ADED Adult Education, Occupational and Technology Education, CEPS  
 ART Arts, Art, CFAD  
 BIO Biology, Biology, CM&S  
 BADM Business, General Business, BADM  
 BCOM Business Communications, General Business, BADM  
 CHEM Chemistry, Chemistry, CM&S  
 CHIN Chinese, Modern Languages, Literatures, and Cultural Studies, CLA  
 COMM Communications, Communications, CLA  
 CMSC Computer Science, Computer Science, CM&S  
 CSDY Creative Writing, English, CLA  
 CJ Criminal Justice, Sociology, Criminal Justice and Substance Abuse Studies, CLA  
 DANC Dance, Theatre, Dance and Media Arts, CFAD  
 DES Design, Design, CFAD  
 EDAM Educational Administration, Advanced Professional Services, CEPS  
 ECED Early Childhood Education, Curriculum & Instruction, CEPS  
 ECON Economics, Economics, BADM  
 ELED Elementary Education, Curriculum and Instruction, CEPS  
 ENGR Engineering, Physics and Engineering, CM&S  
 ENG English, English, CLA  
 ESFR Educational Sciences, Foundations & Research, CEPS  
 FMCD Family and Child Development, Human Environmental Sciences, CEPS  
 FACS Family and Consumer Science Education, Occupational and Technology Education, CEPS  
 FMKT Fashion Marketing, Human Environmental Sciences, CEPS  
 FIN Finance, Finance, BADM  
 FRSC Forensic Science, FSI  
 FRCH French, Modern Languages, Literatures and Cultural Studies, CLA  
 FNRL Funeral Service, Funeral Service, CM&S  
 GENS General Science, Physics and Engineering, CM&S  
 GEO Geography, History and Geography, CLA  
 GERO Gerontology, Sociology, Gerontology, and Substance Abuse Studies, CLA  
 GUID Guidance, Advanced Professional Services, CEPS

### Course

Code Department, College

- HLTH Health, Kinesiology and Health Studies, CEPS  
 HES Human Environmental Sciences, CEPS  
 HUM Humanities, Humanities and Philosophy, CLA  
 ISOM Information Systems and Operations Management, Information Systems and Operations Management, BADM  
 IME Instructional Media Education, Advanced Professional Services, CEPS  
 JAPN Japanese, Modern Languages, Literatures and Cultural Studies, CLA  
 JOUR Journalism, Journalism, CLA  
 KINS Kinesiology, Kinesiology and Health Studies, CEPS  
 LATN Latin, Modern Languages, Literatures and Cultural Studies, CLA  
 LS Legal Studies, General Business, BADM  
 MGMT Management, Management, BADM  
 MRKT Marketing, Marketing, BADM  
 MATH Mathematics, Mathematics & Statistics, CM&S  
 MUS Music, Music, CFAD  
 MUED Music Education, Music, CFAD  
 MPER Music Performance, Music, CFAD  
 NURS Nursing, Nursing, CM&S  
 NTRN Nutrition, Human Environmental Sciences, CEPS  
 OCTE Occupational and Technology Education, CEPS  
 PHIL Philosophy, Humanities and Philosophy, CLA  
 PHED Physical Education, Kinesiology and Health Studies, CEPS  
 PHY Physics, Physics and Engineering, CM&S  
 POL Political Science, Political Science, CLA  
 PTE Professional Teacher Education, Professional Teacher Education, CEPS  
 PSY Psychology, Psychology, CEPS  
 READ Reading, Special Services, CEPS  
 REC Recreation, Kinesiology and Health Studies, CEPS  
 SFTY Safety, Occupational and Technology Education, CEPS  
 SOST Social Studies, Sociology, Criminal Justice and Substance Abuse Studies, CLA  
 SOC Sociology, Sociology, Gerontology, and Substance Abuse Studies, CLA  
 SPAN Spanish, Modern Languages, Literatures and Cultural Studies, CLA  
 SLP Speech, Language Pathology, Special Services, CEPS  
 SPED Special Education, Special Services, CEPS  
 STAT Statistics, Mathematics and Statistics, CM&S  
 SAS Substance Abuse Studies, Sociology, Gerontology, and Substance Abuse Studies, CLA  
 TESL Teaching English as a Second Language, Curriculum and Instruction, CEPS  
 THRT Theatre, Theatre, Dance and Media Arts, CFAD

## Graduate Course Descriptions

### ACCOUNTING (ACCT) Department of Accounting

#### ACCT 5013 - Accounting Research Methods

This course provides a framework for graduate research methods and technical writing in accounting, auditing, and tax research. Prerequisite(s): Completed all prerequisites for the MBA Program, 21 credit hours in upper division accounting courses including ACCT 3233, ACCT 4213, and ACCT 4363, and BADM 5005 and BADM 5115.

#### ACCT 5103 - Controllership & Decision Accounting

Students examine the conceptual and technical issues involved in meeting the 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.

#### ACCT 5113 - Accounting Theory

This course 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, 21 credit hours in upper division accounting courses including ACCT 3233 and ACCT 5013, BADM 5005 and BADM 5115.

#### ACCT 5213 - Current Topics In Accounting

This course provides the student with knowledge and ethical 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 21 credit hours in upper division accounting courses including ACCT 3233 and ACCT 5013 and BADM 5005 and BADM 5115.

#### ACCT 5313 - Current Issues In Taxation

This course required students to analyze cases involving pass-through entities and federal tax situations with emphasis on research and planning. Prerequisite(s): Completed all prerequisites for the MBA Program, 21 credit hours in upper division accounting courses including ACCT 3333 and ACCT 5013 and BADM 5005 and BADM 5115.

#### ACCT 5423 - Current Issues In Auditing

This course is designed to challenge students to consider philosophies and concepts of accounting and auditing; to understand the current developments, threats and ethical attributes of the profession. Prerequisite(s): Completed all prerequisites for the MBA Program, 21 credit hours in upper division accounting courses including ACCT 4363 and ACCT 5013, and BADM 5005 and BADM 5115.

#### ACCT 5900 - Practicum In Accounting

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### ACCT 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### ACCT 5920 - Workshop In Accounting

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.

#### ACCT 5930 - Individual Study In Accounting

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### ACCT 5940 - Field Study in Accounting

Credit will vary from 1 to 9 hours. Subject matter will vary within the departments field of study.

#### ACCT 5950 - Internship

One to eight hours credit; 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.

#### ACCT 5960 - Institute In Accounting

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

#### ACCT 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

#### ACCT 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

### ADULT EDUCATION (ADED)

#### Department of Adult Education & Safety Science

#### ADED 5031 - Orientation to Adult Education

Orientation to Adult Education/Training is an introduction to the Master's Program in Adult and Higher Education. Essential components and course content will include advisement and introductory paperwork necessary for continued program enrollment in the ADHED program, resources for success including computer and online resources, study skills including APA formatting, Turn It In, plagiarism, learning styles, and basic computer skills for working in an online environment.

#### ADED 5073 - Managing Adult Education/Community Service

Organization and administration of adult programs with emphasis on assessing needs, planning staff development, fiscal operations, facilities, evaluation, and maintenance of effective community relations.

#### ADED 5122 - Foundations Of Training And Development

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.

#### ADED 5133 - Philosophical Foundations Of Adult Education

This course is an overview of the philosophical and historical foundations influencing adult education including a disciplined philosophical analysis of major issues and problems in adult education. The development of individual teaching philosophies, study of significant philosophers in the field of adult education, and the impact of historical education events on today's education system are included.

#### ADED 5153 - Student Personnel Services

This course will introduce students to the field of Student Personnel Service and its role within the context of American higher education. More specifically, this course provides an introduction to the origins, history, philosophy and current best practices of the college student personnel profession. Prerequisite(s): ADED 5031.

#### ADED 5163 - Organizational Dynamics

This course will examine various types of organizational structures and the impact communications has on the operations of the organization, especially when facing change. This will include efficient and effective written, verbal, and technology communications for employees and administrators. Attention is given to topics such as: multiple generational mix; attentive listening; careful negotiating; rapport building; problem solving; rumor handling; performance documenting; job designing; and employee recruiting and selecting.

## Graduate Course Descriptions

### **ADED 5233 - Curriculum Design in Education**

Curriculum Design provides a foundation in curriculum theory and practice in the field of Adult Education and Training. The course introduces instructional design theory, including theoretical principles and models, as well as the philosophies, historical development, current processes and innovative practices in curriculum development and instructional design. Analysis and synthesis of existing curriculum combined with research and theory into contemporary trends, including transformative learning, political and gender texts, postmodernism and the use of creative and resourceful methods and media, will also be addressed.

### **ADED 5242 - Active Learning Techniques**

This course is designed to prepare the trainer or educator to function as a teacher or leader for active learning techniques to engage the adult learner. Students design, organize and lead case studies, role plays, discussions, simulations, games, opening exercises, and various experiential learning methods and innovative teaching strategies.

### **ADED 5253 - Student Development Theory & Practices**

This course focuses on the theories and practices of student development in the academic setting. The emphasis will be on the psychological, social, and educational development of the student. The course will allow discussion of traditional behavioral theories, learning practices, social development and current trends and future directions in behavioral science including concepts of developing high-performance perception, problem-solving and intellectual development. The course will incorporate techniques of survey research on student motivation and academic trends. Prerequisite(s): ADED 5031.

### **ADED 5313 - Techniques Of Teaching Adults**

This course will improve an adult educator's skills in teaching/training 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.

### **ADED 5332 - Motivation Concepts in Adult Learners**

This course provides the tools to help students develop or increase the skills necessary to help motivate adult learners.

### **ADED 5342 - Consulting Skills In Training Development**

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 5353 - Organization & Administration of Adult & Higher Education**

This course focuses on the organization and administration of adult and higher education from legislative, legal, structural-functional, power, political, bureaucratic and social perspectives. Topics covered include: governance, central office organization, administrative position analysis, faculty organization, faculty participation in policy formation and decision-making, academic freedom, goal analysis, budgetary policies and methods, and decision strategies in handling a representative set of administrative problems. The course will provide students with a thorough examination of the administration and governance structures within adult and higher education and an understanding of the unique organizational, governance, and administrative characteristics of colleges and universities, as well as for-profit institutions in American higher education.

### **ADED 5373 - Legal Issues in Employment**

This course will identify potential legal issues which affect employees in the workplace. Topics addressed include employment and dismissal issues and legal issues related to contract and agent law, personnel management and labor relations.

### **ADED 5423 - Educational Evaluation**

This course is an examination of the theory and practice of evaluating adult and higher education programs. The field of educational evaluation is growing rapidly, as are issues with accountability. The course will introduce students to a tested model of evaluation and a wide variety of concepts and practices that are related to the field of educational evaluation. Techniques necessary for constructing valid and reliable measurement and assessment tools will also be studied.

### **ADED 5432 - Human Relations Training & Development**

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 - Psychology of Adult Development**

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 5473 - Contemporary Issues in Supervision**

This course will cover ethical and moral issues in organizations. Attention is given to ethics in networking, offering customer service, and developing contracts and proposals for pricing. Other topics include stopping violence in the workplace and social responsibility in a diverse global environment.

### **ADED 5483 - Contemporary Issues in Student Personnel Services**

Contemporary Issues in Student Personnel Services is designed to be a broad survey of the issues surrounding and supporting the field of Student Personnel Services. Using assigned readings, class discussion and student presentations, this course will critically examine contemporary issues in such areas as academic advising, admissions and enrollment management, career development and placement, financial aid, judicial affairs, leadership development, residential life and student activities in the field of Student Personnel Services in Higher Education. Prerequisite(s): ADED 5031.

### **ADED 5522 - Creative Supervision Skills**

This course addresses the characteristics of an effective supervisor. Topics include motivating employees, appraisal of employees, building relationships within the organization, creating a positive work climate, making quality decisions, handling human resource problems, managing time and stress, setting priorities and demonstrating leadership skills. Prerequisite(s): Graduate standing.

### **ADED 5531 - Needs Analysis**

This course focuses on analyzing performance problems at organizational, process and worker levels. The course goal is to provide a composite picture of who needs to be trained within an organization, at what level that training should be designed as well as the nature and content of the specific training program.

## Graduate Course Descriptions

### **ADED 5552 - Facilitation Techniques**

This course addresses the theory, principles, concepts and practices of group facilitation skills that play a critical role in generating change. Facilitation skills can help board members, labor-management committees, mediators, community and inter-organizational groups (profit and non-profit) produce innovative solutions to complex problems. This course will also cover a variety of dispute resolution skills including mediation, negotiation, conflict resolution and alternative dispute resolution.

### **ADED 5623 - Innovative Technology in Adult Education**

Innovative Technology in Adult Education is designed to familiarize students with the latest in innovative technologies for adult education as well as examine the social and cultural impacts of the use of those technologies. It provides students with a vision of the future of education through innovations in technology as well as traces the innovative path from theory to practice.

### **ADED 5643 - Proposal and Grant Writing**

This course will address techniques of successful proposal and grant writing. It will focus on following proposal guidelines and granting institution Request For Proposal's (RFP's) as well as identifying and developing strategies for successful completion of proposal and grant writing projects.

### **ADED 5823 - The Adult Learner**

This course emphasizes adult learning theories and the implication those theories have for the education of adults. Psychological, sociological and physiological characteristics of adult learners are examined as well as the changing societal trends and demographics affecting adult education. Individual learning styles, methodologies of instructing adults, and the importance of well-constructed learning environments are also investigated.

### **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.

### **ADED 5893 - Capstone in Adult Education**

This course is designed to provide the culminating experience for candidates completing one of the four majors in Adult Education and Higher Education (Training, Higher Education, Student Personnel, or Interdisciplinary Education). The candidate will complete a scholarly paper, professional oral presentation, and a poster presentation, integrating basic theories in each scholarly activity related to their area of specialization in adult education. Prerequisite(s): PTE 5013, ADED 5133, 5313, 5823. Students must have a 3.0 or higher overall GPA, have no more than 6 hours of "C", be enrolled in their last 6 credit hours, have a grade of "B" or higher in PTE 5013, and have permission of the instructor.

### **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 5920 - 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.

### **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 5940 - Field Study in Adult Education**

Credit varies from 1 to 9 hours. Subject matter will vary within the departments field of study.

### **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. 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.

## **ADULT EDUCATION & SAFETY SCIENCES (AESS) Department of Adult Education & Safety Science**

### **AESS 5900 - Practicum in AESS**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **AESS 5910 - Seminar in AESS**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **AESS 5920 - Workshop in AESS**

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.

### **AESS 5930 - Individual Study in AESS**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **AESS 5940 - Field Study in AESS**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **AESS 5950 - Internship in AESS**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **AESS 5960 - Institute in AESS**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **AESS 5970 - Study Tour in AESS**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **AESS 5990 - Thesis**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.



## Graduate Course Descriptions

### ART (ART) Department of Art

#### ART 5023 - Enameling

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.

#### ART 5033 - Furniture As Art

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.

#### ART 5053 - Native American Art

This course covers the evolution of Native American art from pre-history roots through contemporary expression. Prerequisite(s): Graduate standing.

#### ART 5103 - Etching

A study in the intaglio process exploring such basic techniques as etching, drypoint, aquatint, inkless intaglio, and mezzotint. Prerequisite(s): ART 3603.

#### ART 5113 - Lithography

A course in the basic planographic printing techniques. Printing surfaces such as stone, metal, and paper will be explored. Prerequisite(s): ART 3603.

#### ART 5123 - Serigraphy

The course explores advanced techniques in the screen printing (silk screen) process of printmaking. Prerequisite(s): ART 1063.

#### ART 5133 - Digital Printmaking

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.

#### ART 5173 - Ceramics III

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.

#### ART 5203 - Advanced Painting

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.

#### ART 5213 - Sculpture III

The individual expressions and techniques in various three-dimensional materials such as wood, metal, stone, and other plastic materials. Prerequisite(s): ART 3053.

#### ART 5223 - West African Art

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.

#### ART 5233 - Central African Art

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.

#### ART 5263 - Ceramics IV

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.

#### ART 5273 - Relief Printmaking

This course offers in-depth graduate advanced study in relief printmaking techniques including woodcut, linoleum block, collagraph and monotype processes. Prerequisite(s): Graduate standing.

#### 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 5383 - Methods For Teaching Art History

This course offers the graduate student methods of art history curriculum development. A variety of media is explored in research, documentation and presentation. Prerequisite(s): Graduate standing.

#### ART 5403 - Advanced Visual Arts-Elementary Schools

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 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 5503 - Ceramic Techniques & Development

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.

## Graduate Course Descriptions

### 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 5573 - Celtic Art

This course is a chronological study of the visual arts of the Celts and their influence on later styles of art. It will start with a study of Prehistoric European art through Celtic revivals in the 15th and 16th centuries. This will involve the study of art movements, medium and terminology in relation to the Celtic cultures and will require specialized research and writing on the subject matter.

### ART 5600 - Studio Art

Credit varies from 1 to 4 hours. Prerequisite(s): Written permission.

### 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 - Elementary Art Educational Methods/Art Majors

Students develop a sequential discipline-based Art Education curriculum for elementary schools. Prerequisite(s): Graduate standing.

### ART 5853 - Secondary Art Educational 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 varies 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 5920 - Workshop In Art

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.

### ART 5930 - Individual Study

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. Prerequisite(s): An undergraduate major in the subject matter area to be studied, and permission of graduate advisor.

### ART 5940 - Field Study In Art

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### 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. 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 Management

### BADM 5005 - Leading Global Competitive Environments

This course will help students develop effective communication and leadership skills and examines diversity and ethics in a variety of cultural contexts. Prerequisite(s): Enrollment open to MBA majors only.

### BADM 5013 - MBA Foundation Skills

This course is designed for post-undergraduate, pre-MBA students and others in business looking to solidify their business skills in preparation for an MBA or a first time work force experience. Topics include: basic skills to succeed in pursuit of an MBA; business computer and systems literacy skills; business communication; analysis and decision making; working in business; and experiential business. The course benefits all who want to strengthen their abilities and earning potential by developing key in-demand business practices.

### BADM 5023 - Business in Contemporary Society

This course is designed for post-undergraduate, pre-MBA students and others in business looking to understand contemporary business. Topics include: the role of business in American society, its purposes and responsibilities, its structure, its practical operations and functions, and its most important asset - business people. The course also compares American business to its counterparts throughout the world. Finally, the course examines the evolution of business practice and thought.

### BADM 5033 - Survey of Bus Disciplines

This course is designed for the post-undergraduate, pre-MBA students and others in business looking for an overview or refresher of essential topics in business. Topics include: accounting, business law, economics, finance and financial markets, information systems and technology, management basics, marketing fundamentals, and organizations. Integration of these topics is stressed throughout the course with a particular focus on business strategy.

## Graduate Course Descriptions

### **BADM 5115 - Human Capital Management**

This course identifies current issues in human capital management with emphasis on behavioral and legal aspects of the overall organization. Prerequisite(s): BADM 5005 with a minimum grade of "B". Enrollment open to MBA majors only.

### **BADM 5125 - Accounting and Finance**

This course introduces students to key functions of both finance and accounting in an organization. Emphasis is on how to analyze, interpret and communicate a variety of financial information to management, co-workers, employees, customers, and other interested stakeholders. Topics will be covered through lectures, discussion problems, cases, and a hands-on project assignment. Prerequisite(s): BADM 5005 with a minimum grade of "B". Enrollment open to MBA majors only.

### **BADM 5135 - Prices, Profits & Market Economy**

This course examines the market economy from Economics and Marketing points of view. Special emphasis is placed on the economic constraints and opportunities marketing. Prerequisite(s): BADM 5005. Enrollment is open to MBA majors only.

### **BADM 5205 - Managing Business Processes w/Information Technology**

This course provides a systems view of an organization and enables students to apply appropriate operations models and information technology concepts and applications. Prerequisite(s): BADM 5005 with a minimum grade of "B". Enrollment open to MBA majors only.

### **BADM 5215 - Quantitative Modeling**

Managerial/organizational decision methods and the role of statistics for the analysis of business modeling will be identified. The development and implementation of such analysis and modeling systems will be explored. Prerequisite(s): BADM 5005 with a minimum grade of "B" and BADM 5125 with a minimum grade of "C". Enrollment open to MBA majors only.

### **BADM 5305 - Strategic Integration**

This course is designed to enhance and assess the student's cognitive skills in solving business problems. Prerequisite(s): BADM 5005 with a minimum grade of "B" and BADM 5115, 5125, 5135, 5205 and 5215 with a minimum grade of "C". Enrollment open to MBA majors only with a Graduate GPA of 3.0 or higher.

### **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 5920 - 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.

### **BADM 5930 - Individual 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. 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.

### **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 - Communication & Business 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 5920 - 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.

### **BCOM 5930 - Individual 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 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **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.

## Graduate Course Descriptions

### BCOM 5970 - Study Tour

Credit will vary. 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 5012 - Intro to Biological Research

This course guides students in designing a research project, writing a proposal, and conducting and reporting research. Additionally, students learn to search the biological literature and critically evaluate published research papers. Emphasis is also placed on the development of written and oral communication skills. An individual research project is required. Prerequisite(s): Minimum 18 hours of biological science and STAT 2103.

### BIO 5024 - Freshwater Ecology

This course studies freshwater life with special emphasis on community relationships, ecological factors in different habitats and their influence on the distributions, abundances, and adaptations of freshwater organisms. It consists of three hours of lecture and three hours of laboratory per week. Extensive field work is required. Prerequisite(s): BIO 3543, BIO 3703 (or concurrent enrollment), and STAT 2103 all with a minimum grade of "C". Concurrent enrollment in BIO 5024L.

### BIO 5024L - Freshwater Ecology Laboratory

This is a three-hour per week laboratory to accompany BIO 5024.

### BIO 5103 - History and Nature of Science

The course surveys the history of the natural sciences beginning with the natural philosophers of ancient Greece and continuing through the Middle Ages, the Renaissance and into the Modern Era. Taught as a series of historical episodes, the course will include discussion of original literature about the scientific process, including the social and philosophical implications of that process. Prerequisite(s): Two of the following 3000 level courses (BIO 3054, BIO 3543, BIO 3703, and/or BIO 3303) and STAT 2103 all with a minimum grade of "C".

### BIO 5113 - Biogeography

This course is a study of the distribution of organisms, both past and present. The course includes concepts from ecology, evolution, and geology. Prerequisite(s): BIO 3543, BIO 3703, Stat 2103 all with a minimum grade of "C" and permission of instructor.

### BIO 5124 - Herpetology

The morphology, ecology, physiology, behavior and evolution will be studied in extant and extinct Amphibians and Reptiles. General principles and functional processes will be illustrated using recent empirical findings. Prerequisite(s): BIO 3543, BIO 3703 and STAT 2103 all with a minimum grade of "C"; BIO 3454 is recommended.

### BIO 5124L - Herpetology Laboratory

This is a laboratory for BIO 5124. Prerequisite(s): 12 hours of Biology and BIO 1404.

### BIO 5204 - Plant Ecology and Laboratory

This course is a study of the interactions of plants with their environment. The course covers terrestrial, vascular plant ecology with investigations at the population, community and ecosystem levels of ecology. The course consists of three hours of lecture and three hours of laboratory per week. Field trips are required. Prerequisite(s): BIO 3543 and (BIO 3303 or BIO 3703) and STAT 2103 all with a minimum grade of "C".

### BIO 5204L - Plant Ecology Laboratory

This is the lab for BIO 5204.

### BIO 5254 - Animal Behavior

The behavior of animals will be studied emphasizing the ecological and evolutionary significance of behavior patterns in nature. General principles and processes will be illustrated using recent empirical findings. BIO 5254L, which includes field work, must be taken concurrently. Prerequisite(s): BIO 3154 or 3454, and and STAT 2103 with a minimum grade of "C".

### BIO 5254L - Animal Behavior Laboratory

This is a three-hour per week laboratory to accompany BIO 5254. Field work required.

### BIO 5264 - Mammalogy and Laboratory

This course is a survey of mammals; including their taxonomy, anatomy, ecology, distribution, behavior and natural history. It consists of three hours lecture and three hours laboratory per week and participation on weekend field trips is recommended. Prerequisite(s): (BIO 3703 or BIO 3303) and STAT 2103 all with a minimum grade of "C".

### BIO 5264L - Mammalogy Laboratory

This is a three-hour per week laboratory to accompany BIO 5264. Participation on weekend field trips is recommended.

### BIO 5294 - Plant Taxonomy and Laboratory

This course covers vascular plant classification, identification, nomenclature and evolution, with laboratory experience in plant collection and identification. The course consists of three hours of lecture and three hours laboratory per week. Field work is required. Prerequisite(s): BIO 3703 and (BIO 3054 or BIO 3303 or BIO 3543) and STAT 2103 all with a minimum grade of "C".

### BIO 5294L - Plant Taxonomy Laboratory

This is the laboratory for BIO 5294.

### BIO 5303 - Physiological And Biochemical Adaptation

This course is a comprehensive study of 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; and STAT 2103.

### BIO 5324 - Marine Ecology and Laboratory

This course studies marine life with special emphasis on community relationship, ecological factors in different habitats and their influence on the distributions, abundances, and adaptations of marine organisms. It consists of three hours of lecture and three hours of laboratory per week. Extensive field work, including a one-week trip to the Texas Gulf Coast is required. Prerequisite(s): BIO 3543; BIO 3703 (or concurrent enrollment) or BIO 3154; and STAT 2103 all with minimum grade of "C" and written permission of instructor. Concurrent enrollment in BIO 5324L.

### BIO 5324L - Marine Ecology Laboratory

This is a three-hour per week laboratory to accompany BIO 5324.

### BIO 5334 - Environmental Microbiology & Laboratory

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 and STAT 2103.

## Graduate Course Descriptions

### BIO 5343 - Molecular Biology Techniques & Laboratory

This lecture and laboratory course presents advanced principles of DNA analysis techniques. Both human (forensic) and non-human applications will be discussed. Topics covered in this course include DNA extraction, DNA quantification, polymerase chain reaction, DNA fragment analysis, DNA sequencing, and bioinformatic databases. Prerequisite(s): BIO 3303, one of the following (BIO 3054, 3543, or 3703) and STAT 2103 all with a minimum grade of "C". Credit may not be earned for both BIO 5343 and FRSC 5333.

### BIO 5343L - Molecular Biology Techniques Laboratory

This is a three-hour per week laboratory to accompany BIO 5343.

### BIO 5354 - Plant Anatomy

This course includes a study of external and internal structures of vascular plants with attention to correlating structure with function. Students will be required to complete an individual research project as part of the course. It consists of three hours of lecture and three hours of laboratory per week. Prerequisite(s): BIO 1304, BIO 2203, BIO 2314 and STAT 2103.

### BIO 5354L - Plant Anatomy Laboratory

This is a three-hour per week laboratory to accompany BIO 5354.

### BIO 5443 - Microtechnique

The course is an introduction to manual techniques of tissue processing and staining procedures along with microphotography, phase microscopy, and fluorescence microscopy. Student presentations of special projects are required. It consists of one hour lecture and six hours laboratory per week. Prerequisite(s): Minimum 12 hours of biological science and STAT 2103. BIO 5443L must be taken concurrently.

### BIO 5443L - Microtechnique Laboratory

This is the laboratory to accompany BIO 5443.

### BIO 5454 - Molecular Cell Phys and Laboratory

This course emphasizes a study of the molecular and physiological aspects of cell life. Topics include cell dynamics, protein structure and function, nucleic acids, recombinant DNA technology, sub-cellular organization, photosynthesis, respiration, integrated metabolism, transport, and differentiation. It consists of lecture and laboratory integrated into six hours per week; length of laboratory sessions varies with weekly topics. Prerequisite(s): BIO 3054, BIO 3303 and STAT 2103 all with a minimum grade of "C". Concurrent enrollment in BIO 5454L.

### BIO 5454L - Cell Physiology Laboratory

This is a three-hour per week laboratory to accompany BIO 5454.

### BIO 5504 - Mycology and Laboratory

This course is a general survey covering the morphology, reproduction, ecology and economic importance of fungi, including those of medical importance, with laboratory experience in their collection, cultivation, and identification. The course consists of three hours of lecture and three hours of laboratory per week. Prerequisite(s): BIO 3054 and (BIO 3543 or BIO 3703 or BIO 3303) and STAT 2103 all with a minimum grade of "C".

### BIO 5504L - Mycology Laboratory

This is a three-hour laboratory to accompany BIO 5504.

### BIO 5515 - Pathogenic Microbio and Immun

This course is a study of pathogenic bacteria, fungi and viruses, with emphasis on the processes leading to the development of disease symptoms, diagnoses and antibody-antigen reactions. It consists of three hours lecture and four hours laboratory per week. Prerequisite(s): STAT 2013, BIO 1225, 2203, 3054 and (CHEM 3303 or 3013) all with a minimum grade of "C".

### BIO 5524 - Aquatic Entomology

This course studies of the taxonomy, morphology, ecology, and evolution of aquatic insects occurring in North America. The course consists of three hours of lecture and three hours of laboratory per week. A collection is required and additional laboratory time is often necessary. Prerequisite(s): 15 hours of Biological Science including BIO 1404; and STAT 2103.

### BIO 5524L - Aquatic Entomology Laboratory

This is a three-hour per week laboratory to accompany BIO 5524.

### BIO 5622 - Methods Human Dissection & Prosection

This course includes instruction in techniques of dissection and prosection of the human body. All organ systems are studied with special reference to skeletal landmarks and to clinical significance. There are three laboratory hours and recitation hour per week. Prerequisite(s): STAT 2103 and (BIO 2504 or BIO 3254 or FNRL 2214) and (BIO 3054 or BIO 3543 or BIO 3703 or BIO 3303) all with a minimum grade of "C".

### BIO 5633 - Scanning Electron Microscopy & Laboratory

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 (SEM). Laboratory exercises will enable students to become proficient in the operation of the SEM and supporting instrumentation. Prerequisite(s): BIO 1304, 1404, 2314, STAT 2103 and 12 hours of Biology electives and graduate standing.

### BIO 5703 - Evolution

This course is a study of the theory and processes of evolution with emphasis on the importance of evolution as a unifying concept to the field of biology. Both historical and the modern concepts are incorporated. Prerequisite(s): 12 hours of biology including BIO 2233, or BIO 3304; and STAT 2013. Ecological background recommended.

### BIO 5723 - Biometrics

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, MATH 1513 and STAT 2103.

### BIO 5734 - Ornithology and Laboratory

This course is a study of the birds of Oklahoma, their taxonomy, physiology, anatomy, ecology, distribution, behavior, and natural history. There is a three-hour per week laboratory. Field trips are required. Prerequisite(s): Graduate standing and 15 hours of biology, including BIO 3534 or BIO 3454 (or permission of the instructor); and STAT 2103.

### BIO 5743 - Population Genetics

This course is an advanced study of modern population genetic theory. Topics in this course include: estimating genetic variation within populations; the effects of genetic drift, mutation, selection, and gene flow on genetic variation; inbreeding; estimation of population structure; quantitative genetics; and human population genetics. Prerequisite(s): BIO 3303, BIO 3703 and STAT 2103 all with a minimum grade of "C".

### BIO 5754 - General Entomology & Laboratory

This course is an introduction to insects emphasizing functional anatomy and identification of specimens to family level, and exploring both basic and applied aspects of the discipline. It consists of three hours of lecture and three hours of laboratory per week. Prerequisite(s): STAT 2103, BIO 1305, BIO 2203, and (BIO 3543 or BIO 3703) all with a minimum grade of "C". Concurrent enrollment if BIO 5754L.

## Graduate Course Descriptions

### BIO 5754L - General Entomology Laboratory

This is the three-hour per week laboratory that accompanies BIO 5754.

### BIO 5763 - Biology Of Cancer

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): STAT 2103 and BIO 3303 both with a minimum grade of "C".

### BIO 5773 - Parasitology and Laboratory

This course is a survey of animal parasites, including their taxonomy, life cycle, morphology, physiology, parasitic strategies, and distribution. It consists of two hours lecture and three hours laboratory per week. Prerequisite(s): STAT 2103, BIO 1305, BIO 2203, BIO 3054 and (BIO 3543 or BIO 3703) all with minimum grade of "C". Concurrent enrollment in BIO 5773L.

### BIO 5773L - Parasitology Laboratory

This is a three-hour per week laboratory to accompany BIO 5773.

### BIO 5843 - Virology and Laboratory

This course is a study of the nature and structure of viruses, their multiplication and effects on host cells. Special attention is given to the pathogenesis of viral diseases, mechanism of host resistance and to a survey of tumor and cancer causing viruses. Lecture meets two hours per week. Lab meets three hours per week. Prerequisite(s): STAT 2103 and BIO 3054 both with a minimum grade of "C".

### BIO 5843L - Virology Laboratory

This is the laboratory to accompany BIO 5843.

### BIO 5853 - General Methods Of Teaching Science

This course is a study of different methods/approaches of teaching science (life and physical, grades 6- 12) and current issues in science education for secondary science education majors. Curriculum includes individual experience involving application of methods and approaches learned in the course. It consists of two lecture hours and three laboratory hours per week. Prerequisite(s): Admission to teacher education is required plus 24 hours of Science courses and STAT 2103.

### BIO 5853L - General Methods Of Teaching Science Laboratory

This is a three-hour laboratory to accompany BIO 5853.

### BIO 5900 - Practicum In Biology

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### BIO 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): STAT 2103.

### BIO 5920 - 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.

### BIO 5930 - Individual Study In Biology

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### BIO 5940 - Field Study in Biology

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### BIO 5950 - Internship In Biology

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.

### BIO 5960 - Institute In Biology

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### BIO 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

### BIO 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## CHEMISTRY (CHEM) Department of Chemistry

### CHEM 5103 - Biochemistry II

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 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 Science Analysis & Laboratory

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 Science Analysis Laboratory

This laboratory course accompanies CHEM 5253. Concurrent enrollment in CHEM 5253 is required.

### CHEM 5454 - Advanced Instrument Analysis & Laboratory

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 - Advanced Instrument Analysis Laboratory

This laboratory course accompanies CHEM 5454. Concurrent enrollment in CHEM 5454 is required.

### CHEM 5533 - Nuclear Chemistry

This course provides a study of the phenomenon of radioactivity and its application in the solution of chemistry problems, generally in the areas of compositional analysis, nuclear medicine, and the dating of materials. Topics covered include the history of radiochemistry, nuclear analytical methods, health physics, and the development of an understanding of commonly-encountered nuclear and radiological materials. Prerequisite(s): (CHEM 2104 and CHEM 3323) or (CHEM 1315 and PHY 3103) or equivalents.



## Graduate Course Descriptions

### **CHEM 5603 - Advanced Organic Chemistry**

CHEM 5603 is a continuation of the CHEM 3303 - CHEM 3323 sequence, and is primarily intended to provide a graduate-level course in organic chemistry. CHEM 5603 provides the student with a more thorough understanding of organic chemistry beyond CHEM 3323 in the areas of organic syntheses, reaction mechanisms, and physical organic chemistry. 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 5920 - Workshop in Chemistry**

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.

### **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 5940 - Field Study in Chemistry**

Credit will vary from 1 to 9 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. 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 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 5920 - Workshop in Chinese**

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.

### **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 5940 - Field Study In Chinese**

Credit will vary from 1 to 9 hours. Subject matter will vary from 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. 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) School of Criminal Justice**

### **CJ 5013 - Juvenile Justice Systems Management And Administration**

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 - Community Oriented Policing**

This course examines police and community collaboration to solve and prevent crime with a focus on police/community relations.

### **CJ 5033 - Critical Issues In Criminal 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.

### **CJ 5053 - Principles Of Management In Criminal Justice Organizations**

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 - Innovation In 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

## Graduate Course Descriptions

against persons, crimes against morality, alcohol/drug offenses, white collar/organized crime, offenses against public health, offense 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.

### **CJ 5093 - Police Systems Management And Administration**

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 Methods In Criminal Justice**

Research Methods in Criminal Justice is designed to acquaint students with quantitative and qualitative research methodologies, including an in-depth analysis of the following: conceptualization of research, types of sampling strategies, data collection methods, research design and proposal writing. Prerequisite(s): CJ 3643 and SOC 3633 with a minimum grade of "C" or permission of the instructor.

### **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 Management & Administration**

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 5153 - Research and Planning**

This course will examine the development of criminal justice policy and procedures using secondary data analysis, crime mapping, and open source data to establish the criterion for change and allocation of resources.

### **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): SOC 3633.

### **CJ 5213 - Drug Dependency & Crime**

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.

### **CJ 5223 - Design and Analysis in Criminal Justice Research**

Design and Analysis in Criminal Justice Research will provide skills needed for advanced research and analysis of data related to crime and intelligence gathering. Mathematical and statistical models will

be used to synthesize, evaluate, and determine limitations of data. Additional topics include ethical concerns and computer use in data analysis. Prerequisite(s): CJ 4113 or SOC 4043 or SOC 4773.

### **CJ 5233 - Writing & Evaluating Research**

This course examines advanced principles and procedures of scholarly research in the criminal justice field.

### **CJ 5323 - Victimology**

This course is designed to provide a complete and integrated study of victimization, including a comprehensive review of the history and theories of victimology, the interaction of crime victims with others in the criminal justice system, an in-depth examination of diverse types of victimization, an examination of current as well as classical works in the field and a focus on victim services. Prerequisite(s): Graduate standing.

### **CJ 5333 - Comparative Criminal Justice Systems**

Comparative Criminal Justice Systems will review the measure and nature of crime across nations, including law enforcement functions, criminal procedure, courts, sentencing and punishment, juvenile justice, transnational crime, terrorism and assessing the future of transnational crime and justice. Prerequisite(s): CJ 3643.

### **CJ 5353 - Environmental Criminology and Crime Analysis**

Environmental Criminology and Crime Analysis involves the study of crime opportunities and criminal events as they relate to environmental design and the formal and informal social control of space. The course will explore physical and social characteristics of movement paths that bring offenders and victims together. Students will review the main environmental theories including situational crime prevention, routine activities theory, crime prevention through environmental design, and crime pattern theory. Prerequisite(s): CJ 4113 or SOC 4043 or SOC 4773

### **CJ 5413 - Delinquent Child Law**

Delinquent Child Law is a in-depth study of the evolution of the laws affecting juveniles, Oklahoma and federal juvenile statutes, development of the juvenile legal system and processes and legal procedures of juvenile courts in Oklahoma and the United States. Prerequisite(s): Graduate standing.

### **CJ 5423 - Child Abuse And Neglect Law**

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.

### **CJ 5433 - Oklahoma Juvenile Correctional System**

This course is a comprehensive survey of the Oklahoma juvenile correction system. Included will be a review of the statutes creating, regulating and dictating the agency, institutions, infrastructure, processes, treatment procedures and personnel of various institutions and agencies. Prerequisite(s): CJ 4413, 4423, SOC 4573.

### **CJ 5443 - International Juvenile Systems**

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.

### **CJ 5523 - Cyber Crime**

This course provides an introduction to the investigation of computer crime and the forensic examination of digital evidence.

### **CJ 5533 - White Collar Crime**

This course emphasizes debates about white collar crime; different types of white collar crimes; theories and explanations of white collar

## Graduate Course Descriptions

crime; victimization and offender sentencing issues; and difficulties in the criminal justice system response to white collar crimes. Prerequisite(s): CJ 1413 or LS 3113 with a minimum grade of "C". Graduate standing.

### **CJ 5543 - Technologies in Crime Analysis**

Technologies in Crime Analysis explore the analytical procedures, software, and technologies, including Geographic Information Systems (GIS), used at every level of criminal justice in the development of patterns and trends essential to the decision making process and in determining the value of intelligence data gathered by various sources. Prerequisite(s): CJ 4113 or SOC 4043 or SOC 4773.

### **CJ 5553 - Crime Analysis Fieldwork**

Crime Analysis Fieldwork course has two components: work in the field of study and classroom work. Students are required to complete 80 hours of internship service in the discipline in addition to their course requirements. The fieldwork experience demonstrates the practical application of knowledge and skills gained in the Crime and Intelligence Analysis program. The course work consists of weekly class meetings and the following: academic literature reviews, data cleaning and analysis preparation, and creation of an analysis plan utilizing software. Prerequisite(s): CJ 5223. Enrollment open to Crime and Intelligence Analysis majors only.

### **CJ 5633 - Terrorism & Homeland Security**

This course provides an overview of the historical and current context of international and domestic terrorism using a criminological and criminal justice framework.

### **CJ 5643 - Advanced Crime Theory**

This course examines a range of criminological theories pertaining to offending populations and the correlates of crime. Prerequisite(s): SOC 3633.

### **CJ 5713 - Community-Based Corrections**

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.

### **CJ 5723 - Critical Issues In Corrections**

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.

### **CJ 5813 - Oklahoma Adult Correctional System**

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.

### **CJ 5823 - International Correction Systems**

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.

### **CJ 5833 - Pro-seminar in Crim Justice**

Pro-seminar in Criminal Justice provides an in-depth examination of criminological theories and the relationships between theory and crime. The course will focus primarily on the existing analysis of intelligence and crime data and culminate in a project selected in cooperation with field experts. Prerequisite(s): CJ 5553.

### **CJ 5900 - Practicum In Criminal Justice**

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.

### **CJ 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **CJ 5920 - 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.

### **CJ 5930 - Individual Study**

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.

### **CJ 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **CJ 5950 - Internship In Criminal Justice**

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.

### **CJ 5960 - Institute In Criminal Justice**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Assignments are given and students receive normal letter grades.

### **CJ 5970 - Study Tour In Criminal Justice**

Credit will vary. Subject matter will vary 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.

### **CJ 5990 - Thesis In Criminal Justice**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **COMPUTER SCIENCE (CMSC)** **Department of Computer Science**

### **CMSC 5023 - Programming Languages**

This course provides a study of the underlying concepts of programming languages such as automata, grammars, translation, bindings, scope, data types, control, subprogramming, concurrency, and exception handling. Languages representing contrasting paradigms are studied. Prerequisite(s): CMSC 3613; admission to the graduate program.

### **CMSC 5033 - Concepts Of Artificial Intelligence**

This course covers the basic concepts and techniques of artificial intelligence or intelligent systems. It includes 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.

## Graduate Course Descriptions

### CMSC 5043 - Applications Of Database Management

This course covers the integration of theory and practice in the use of current database systems and the access of those systems. The course covers the relational and E-R models for database organization. Topics included in the course are query languages (e.g. SQL), database integrity and security, file access methods, query processing, transaction processing, and backup/recovery. Prerequisite(s): CMSC 2613 and MATH 2313 and (STAT 3103 or 4113) and graduate standing.

### CMSC 5053 - Operating Systems

This course is 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 multiprocessing. Prerequisite(s): CMSC 3613.

### CMSC 5063 - Networks

This course is a study of local and wide area networks and their implementations. Included is the theory governing layered networking architectures, the ISO-OSI communications interface, the TCP/IP protocol, packet transmission, error-correction techniques, addressing and routing, and the use of communications software. Prerequisite(s): CMSC 3613.

### CMSC 5073 - Translator Design

Translator Design introduces students to the principles, tools and techniques used in designing a programming language compiler. Topics covered include lexical, syntax, and semantic analysis, finite automata, regular expressions, LL and LR grammars, type systems and checkers, code generation, interpreters, optimization, and code improvement. Prerequisite(s): CMSC 3613 and graduate standing.

### CMSC 5113 - Structured Design

This course covers the elements of a discipline of program and systems design. Emphasis will be placed on the architecture of programs and systems rather than programming. Prerequisite(s): CMSC 3613.

### CMSC 5123 - Advanced Microcomputer Applications

This course is a survey of the installation and programming of microcomputers using microcomputer based operating systems with emphasis on 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.

### CMSC 5133 - Theory Of Data Base Systems

This course covers the concepts, principles, implementation practices, and guidelines for the selection and installation of data base systems. Topics include choosing a dictionary, the relational approach, the hierarchical approach, and the network approach. There will be some discussion of security and integrity comparison. Prerequisite(s): CMSC 4003 or CMSC 5043.

### CMSC 5243 - Artificial Intelligence

This course is a study of the basic concepts and techniques of artificial intelligence or intelligent systems. Some of the topics covered are search techniques, heuristics, expert systems, systems of logical inference, methods of representing knowledge, and AI programming. Prerequisite(s): CMSC 4133 or 5033.

### CMSC 5273 - Theory of Computing

Theory of Computing is a study of computation theory encompassing three broad categories: formal languages and automata theory, computability theory, and complexity theory. The topics covered include Turing machines, finite automata, nondeterminism, pushdown automata, decidability, and NP-completeness. Prerequisite(s):

CMSC 3613 with a minimum grade of "C".

### CMSC 5283 - Software Engineering I

This course covers the application of engineering and management disciplines to computer software projects. Topics discussed are the software lifecycle, CASE tools, requirement engineering, software models and architectures, software design and development, testing and validation, maintenance and evolution, project organization, management and cost estimation, and software quality assurance and risk analysis. Prerequisite(s): CMSC 2613 and MATH 2313 and (STAT 3103 or 4113).

### CMSC 5303 - Mobile Application Programming

The theory and practice of mobile application programming are studied, which includes the study of mobile computing platforms, mobile user interfaces, animation, graphics, and the use of the media framework and telephony APIs. Extensive practice on a specific mobile development platform is included. Prerequisite(s): CMSC 3103 and graduate standing

### CMSC 5323 - Computer and Network Security

This course examines principles of computer and network security. Topics include security principles, application security, web security, cryptography and its applications, network security, and privacy issues. Students will learn practical knowledge and skills to identify and defend against security threats. Prerequisite(s): CMSC 3613.

### CMSC 5373 - Web Server Programming

This course examines theory and practice of server-side programming for World Wide Web, including study on presentation logic, business logic, session control, and database management. The course also includes extensive practice in a specific server-side programming language. Prerequisite(s): CMSC 3103.

### CMSC 5423 - Software Engineering II

This course covers all aspects of software engineering with emphasis on requirements elicitation and analysis, software testing, and project management. Prerequisite(s): CMSC 4283 or CMSC 5283.

### CMSC 5433 - Software Architecture & Design

This course covers software design with emphasis on architectural design, reuse of software architectures, and patterns. Prerequisite(s): CMSC 4283 or CMSC 5283.

### CMSC 5900 - Practicum In Computing Science

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### CMSC 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### CMSC 5920 - Workshop in Computer Sci

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.

### CMSC 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.

### CMSC 5940 - Field Study

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### CMSC 5960 - Institute In Computing 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

### CMSC 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

### CMSC 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): Permission of instructor.

### CMSC 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.

## CREATIVE STUDIES (CSDY) Department of English

### CSDY 5113 - Pub Pro: Editing & Marketing

Publication Procedures: Editing and Marketing presents techniques for revising and editing creative work for publication and strategies for marketing this work. Over the course of the semester, students edit and revise their own work and report on the literary magazine, online literary, and book publishing markets. This course also covers the fundamentals of professional development, allowing students to prepare the necessary materials for both job searches and searches for agents and publishers.

### CSDY 5123 - Short Story Writing I

The first course in an integrated, three-course sequence, Short Story Writing I will help students learn to write, edit, and submit their short stories to literary journals, magazines, and contests. By reading published stories, books and articles on the craft of writing short fiction, and by critiquing their colleagues' writing, students will explore the basic components of the short story: character, conflict, theme, opening, progression, climax, closure and style, while producing no fewer than forty pages of original prose. Prerequisite(s): Graduate standing.

### CSDY 5133 - Short Story Writing II

The second course in an integrated three-course sequence, Short Story Writing II provides practical workshop instruction for students who are continuing to train themselves as writers of the short story. Students will continue to improve their understanding of the basic components of the short story by studying examples of published stories, by critiquing their colleagues' work, and by producing no fewer than sixty pages of original prose, in the form of at least three finished short stories in publishable form, which must be submitted to local or national publications. Students may not take Short Story Writing II until they have completed Short Story Writing I and earned a grade of B or higher in that class, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5123 with minimum grade of "B" and graduate standing.

### CSDY 5143 - Short Story Writing III

The third course in an integrated, three-course sequence, Short Story Writing III provides practical workshop instruction for students who are in the process of completing a collection of short stories. Students will have at least 100 pages written prior to beginning the class and will write an additional 60 pages over the course of the term. Students will be stepping into their literary identities as writers of short stories that they will submit simultaneously to at least five markets or contests per story. (The necessary expense of postage and photocopying must be considered when taking this class.) Students will also present ten-minute oral reports accompanied by written evaluations of self-help books dealing with writing and publishing the short story, and they will read at least two complete

collections of stories authored by other members of the class and will write a detailed critique of each of these collections. Finally, each student will discover at least one short story writer of international reputation and report on this writer to the class. Students not familiar with the Russian, French, or German traditions of the short story will be encouraged to select a writer from one of these traditions as the subject for their reports. Students may not take Short Story Writing III until they have completed Short Story Writing I and Short Story Writing II and earned a grade of B or higher in both classes, unless they have received written permission from the office

### CSDY 5253 - Advanced Genre Studies-Creative Writing

A conference course for the creative studies students and other special students who have chosen creative writing as their focus in a degree pattern. The student will continue work throughout the semester on a single fiction or nonfiction project begun in CSDY 3593. Another 100 polished pages output required.

### CSDY 5273 - Writing The Novel

This is a continuation of CSDY 3593 and 4253, aiding the student in the final structuring and composition of his writing project. A third 100 pages of polished copy is required and student work is analyzed against exemplary materials for publication submissions.

### CSDY 5313 - Writing Mystery/Adventure

The student will read popular and classic Mystery/Adventure stories and write creative papers in both genres. The student will research and compare historical and contemporary works, and prepare a scholarly paper analyzing additional works of a contemporary author. Prerequisite(s): CSDY 3573.

### CSDY 5323 - Novel Writing I

The first course in an integrated, three-course sequence, Novel Writing I will help students to begin writing complete novels. Through reading published novels, books on writing fiction, and their colleagues' drafts, students will explore the basic components of the novel—including plot, setting, character, pacing, and dialogue—as they begin to generate their own texts. Prerequisite(s): Graduate standing.

### CSDY 5333 - Novel Writing II

The second course in an integrated, three-course sequence, Novel Writing II provides practical workshop instruction for students who are continuing work on the original novel that they began writing in Novel Writing I. Students will continue to improve their understanding of the basic components of the novel by studying published novels, critiquing their colleagues' drafts, and working on the middle section of their own drafts. Students may not take Novel Writing II until they have completed Novel Writing I and earned a grade of B or higher in that course, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5323 with a minimum grade of "B" and graduate standing.

### CSDY 5343 - Novel Writing III

The final course in an integrated, three-course sequence, Novel Writing III provides practical workshop instruction for students who are completing work on the original novel that they began writing in Novel Writing I and continued developing in Novel Writing II. Students will continue to improve their understanding of the components of the novel by studying published novels, critiquing their colleagues' drafts, and working on the final section of their own drafts. Students may not take Novel Writing III until they have completed Novel Writing I and Novel Writing II and earned a grade of B or higher in both courses, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5323, 5333 with a minimum grade of "B" and graduate standing.

## Graduate Course Descriptions

### **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 5423 - Writing Comedy and Satire**

Writing Comedy and Satire provides students with a comprehensive overview of contemporary comic and satiric writing. Students enrolled in this course will read contemporary comic and satiric literature, will study and practice the techniques of effective comic and satiric writing, and will produce original comic and satiric works in a variety of genres.

### **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 5453 - Creative Nonfiction I**

The first course in an integrated, three-course sequence, Creative Nonfiction I will introduce the student through practical exercises in a workshop setting to the broad range of creative nonfiction writing. Students will read a diversity of published works of creative nonfiction field and will complete writing assignments that will guide them on the path to competence in this important genre. The categories and forms of creative nonfiction to be studied will include: The memoir, the ideologically charged advocacy piece, such as ecological, political, and polemical writing; the travel piece; the sociological sketch; and satiric or comic response to cultural icons. Students will produce at least forty typed pages, which will include drafts in at least five of these genres. Students will attend three approved local events and will write reports on them, to be submitted to local publications. Prerequisite(s): Graduate standing.

### **CSDY 5463 - Creative Nonfiction II**

The second course in an integrated, three-course sequence, Creative Nonfiction II will assist students in consolidating their mastery of several genres and types of creative nonfiction and, in a workshop setting, will help students to master a particular genre of creative nonfiction—such as the interview, the travel piece, the science piece, the sports piece, the performance review, the humorous piece, or the transformed autobiographical piece—by requiring them to write an original work of creative nonfiction of at least 45 pages in length. Students will also present ten-minute oral reports to the class based on approved representative pieces of contemporary creative nonfiction. Students may not take Creative Nonfiction II until they have completed Creative Nonfiction I and earned a grade of B or higher in that course, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5453 with a minimum grade of “B” and graduate standing.

### **CSDY 5473 - Creative Nonfiction III**

The final course in an integrated, three-course sequence, Creative Nonfiction III will offer the student practical help in publishing his or her original creative nonfiction. Students will continue to produce professional-quality nonfiction for workshop discussion and eventual

publication. Students will study current best-selling nonfiction works, such as books by Linda Ziff, George Plimpton, Annie Dillard, and Bailey White, and will write two-page analyses of two of these works. Students will complete a total of 65 pages of original, publishable nonfiction and will send out at least 30 of these pages for publication by the end of the semester. Students may not take Creative Nonfiction III until they have completed Creative Nonfiction I and Creative Nonfiction II and earned a grade of B or higher in both courses, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5453, 5463 with a minimum grade of “B” and graduate standing.

### **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 5543 - Poetry Writing I**

The first course in an integrated, three-course sequence, Poetry Writing I will help students learn to write, edit, and submit their poems for publication. Through reading published poems, books on the art of crafting poetry, and their colleagues' drafts, students will explore the basic components of the poem, including voice, tone, progression, diction, transitions, and closing. Prerequisite(s): Graduate standing.

### **CSDY 5553 - Poetry Writing II**

The second course in an integrated, three course sequence, Poetry Writing II provides practical workshop instruction for students who are continuing the work that they began as poets in Poetry Writing I. Students will continue to improve their understanding of the basic components of the poem by studying both contemporary published poetry and the published work of previous generations of poets, by critiquing their colleagues' drafts, and by working to refine and adjust their own poetic skills by writing new poems and revising their existing collections of poems. Students may not take Poetry Writing II until they have completed Poetry Writing I and earned a grade of B or higher in that class, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5543 with a minimum grade of “B” and graduate standing.

### **CSDY 5563 - Poetry Writing III**

The final course in an integrated, three-course sequence, Poetry Writing III provides practical workshop instruction for students who are continuing the work as poets that they began in Poetry Writing I and II. Students entering this class are expected to have a portfolio of about twenty-five poems, several of which, it is hoped, will already have been published. Students will continue to improve their understanding of the basic components of the poem by studying both contemporary published poetry and the published work of previous generations of poets, by critiquing their colleagues' drafts, and by working to refine and adjust their own poetic skills by writing new poems and revising their collections of previously written poems.



## Graduate Course Descriptions

Students in this course will be expected to introduce the writing of a chosen poet of note to the class and to demonstrate their ability to edit someone else's work thoroughly and to suggest publications to which that work could be submitted. Students may not take Poetry Writing III until they have completed Poetry Writing I and Poetry Writing II and earned a grade of B or higher in both classes, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5543, 5553 with a minimum grade of "B" and graduate standing.

### **CSDY 5613 - Playwriting I**

The first course in an integrated, three-course sequence, Playwriting I will help students to begin learning the basic components of writing a one-act and a three-act play. This course will present basic elements of writing drama, including generating a plot, setting up conflict, elaborating a theme, using a subplot, creating the set speech and dramatic monologue, moving towards a climax, and shaping a resolution. By writing short scenes and by learning to workshop scenes and to critique the work of others, students will gain mastery of the basic elements of the playwright's craft. During the semester students will define a project—writing either multiple one-act plays or one three- or five-act play—to carry them through Playwriting II and Playwriting III. Some examples of plays from the tradition of drama will be studied in class; students will also be required to attend at least two locally produced dramatic performances and to write reviews of them. A minimum of 40 pages of original dramatic writing will be required. Prerequisite(s): Graduate standing.

### **CSDY 5623 - Playwriting II**

The second course in an integrated, three-course sequence, Playwriting II will help students to develop their mastery of the basic components of writing a play. Continuing to improve their playwriting skills in a workshop environment, students will work on the project begun in Playwriting I (either three one-act plays or a single three- or five-act play), bringing the total number of original pages produced to approximately 80. Evaluating the scripts of their peers, studying seminal theoretical texts, and producing their own plays for class reading and evaluation will allow students to review such basic elements of drama as generating a plot, setting up conflict, elaborating a theme, developing a subplot, creating the set speech and the dramatic monologue, moving towards a climax, and shaping a resolution. In addition to studying successful plays from a range of historic and cultural environments, students will attend at least three locally produced dramatic productions and write reviews of them. Students may not take Playwriting II until they have completed Playwriting I and earned a grade of B or higher in that course, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5613 with a minimum grade of "B" and graduate standing.

### **CSDY 5633 - Playwriting III**

The third course in an integrated, three-course sequence, Playwriting III provides practical workshop instruction as well as some theoretical perspectives for students who are completing projects begun and developed in Playwriting I and II and who are beginning to submit their dramatic work both to local theaters and to national contests. Working on either the one-act plays or the three- or five-act plays developed in Playwriting I and II, students will bring the number of original pages of manuscript they have produced to at least 120. Students may not take Playwriting III until they have completed Playwriting I and Playwriting II and earned a grade of B or higher in both courses, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5613, 5623 with a minimum grade of "B" and graduate standing.

### **CSDY 5643 - Screenwriting I**

The first course in an integrated, three-course sequence, Screenwriting I will help students to begin to master the components of writing a screenplay, including crafting the scene, writing dialogue, narrating through visual images, managing subplots, devising character, and setting up climax and closure. By studying published screenplays and viewing contemporary and traditional films, students will gain a sense of structure as well as an appreciation of the history and the art of film. Prerequisite(s): Graduate standing.

### **CSDY 5653 - Screenwriting II**

The second course in an integrated, three-course sequence, Screenwriting II provides practical workshop instruction for students who are continuing work on the original screenplay that they began writing in Screenwriting I. Students will continue to improve their understanding of the basic components of the screenplay by studying published screenplays, critiquing their colleagues' drafts, and working on the drafts of their original, full-length scripts. Students may not take Screenwriting II until they have completed Screenwriting I and earned a grade of B or higher in that class, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5643 with a minimum grade of "B" and graduate standing.

### **CSDY 5663 - Screenwriting III**

The final course in an integrated, three-course sequence, Screenwriting III provides practical workshop instruction for students who are completing work on the original screenplay that they began writing in Screenwriting I and continued in Screenwriting II. Students will continue working to master the basics of the screenplay by studying published screenplays and critiquing their colleagues' drafts. In addition, students will confront such practical considerations as finding an agent and a publisher for their work and submitting final, revised and corrected drafts of their screenplays to qualified agents chosen through a study of agent markets. Students may not take Screenwriting III until they have completed Screenwriting I and Screenwriting II and earned a grade of B or higher in both classes, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5643, 5653 with a minimum grade of "B" and graduate standing.

### **CSDY 5723 - Writing Comic Books and Graphic Novels**

Writing Comic Books and Graphic Novels is an intensive, workshop-based creative writing course that provide students with a comprehensive overview of all aspects of the history, composition, revision, and marketing of comic books and graphic novels. This course may be taken three times for credit.

### **CSDY 5823 - Literary Criticism For Creative Writers**

Literary Criticism for Creative Writers is an advanced course in the historical and contemporary theories of criticism. The student will examine poetry, fiction, and drama and respond using both scholarly and creative methodologies.

### **CSDY 5900 - Practicum In Creative Studies**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **CSDY 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

### **CSDY 5920 - 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.

## Graduate Course Descriptions

### **CSDY 5930 - Individual 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.

### **CSDY 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **CSDY 5950 - Internship In Creative Studies**

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.

### **CSDY 5960 - Institute In Creative Studies**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **CSDY 5970 - Study Tour**

Credit will vary. 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 Dance**

### **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 5940 - Field Study in Dance**

Credit will vary from 1 to 9 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.

## **DESIGN (DES) Department of Design**

### **DES 5113 - History of Graphic Design I**

This course is a survey of the history of art and graphic design and their shared histories from prehistoric to Victorian (1900's) including art and design movements, styles, artists, 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 5123 - History of Graphic Design II**

This course is a survey of the development of the history of art and graphic design and their shared histories from Victorian (1900's) to WWI (1945) including art and design movements, styles, furniture, artists, and designers. The student will present a major project in historical research to the Design Graduate Committee for review. Prerequisite(s): Permission of the instructor. Enrollment open to design majors only.

### **DES 5133 - History of Graphic Design III**

This course is a survey of the development of the history of art and graphic design and their shared histories from 1945 to present day including art and design movements, styles, furniture, artists, and designers. The student will present a major project in historical research to the Design Graduate Committee for review. Prerequisite(s): Permission of the instructor. Enrollment open to design majors only.

### **DES 5293 - Design Studio I**

This course provides a 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. Prerequisite(s): Permission of graduate program advisor. Enrollment open to graduate design majors only.

### **DES 5313 - Typography Studio**

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 5393 - Design Studio II**

This course provides an advanced study in creative problem solving techniques, 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. Prerequisite(s): DES 5293. Enrollment open to graduate design majors only.

### **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 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 5493 - Design Research Project**

In this course students conduct academic research in the discipline of design and add to the body of existing literature. Prerequisite(s): PTE 5013 and 5413. Enrollment open to graduate design majors only.

### **DES 5513 - History of Interior Design I**

This course is a survey of the development of the history of art and interior design from antiquity through the Renaissance including design movements, styles, furniture, artists, 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 art and interior design from the Renaissance to 1900 including design movements, styles, furniture, artists, and designers. The student will present a major project in historical research in the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

## Graduate Course Descriptions

### DES 5553 - History of Interior Design III

This course is a survey of the development of the history of art and interior design from 1900 to present including and design movements, styles, furniture, artists, 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 5593 - Design Studio III

This course provides a specialized study in creative problem solving techniques, 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 taken up to three times for credit. Prerequisite(s): DES 5293, 5393. Enrollment open to graduate design majors only.

### DES 5633 - Visualization 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 5733 - 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 5753 - Sustainable Design Studio

This course provides advanced study in the application of principles, philosophies, materials, and production of sustainable 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 5920 - 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.

### 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 5940 - Field Study

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### DES 5950 - Internship In 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.

### DES 5960 - Institute In Design

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### DES 5970 - Study Tour In Design

Credit will vary. 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)

### Donna Nigh Department of Advanced Professional & Special Services

#### EADM 5353 - Technology for School Admin

This course is 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.

#### 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 - Interpersonal Relations In School Administration

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 5543 - Fundamentals Of Public School Administration

Basic principles and practices in modern school administration.

#### EADM 5553 - Legal Aspects School Administration

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 - Supervision/Evaluation 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

## Graduate Course Descriptions

AND 5553.

### **EADM 5673 - School Personnel Administration**

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.

### **EADM 5683 - Curriculum Leadership**

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.

### **EADM 5713 - Sch District Direction Setting**

School District Direction Setting is grounded Educational Leadership Constituent Council (ELCC) standard #1, and addresses the role of the school superintendent in promoting the success of all students by setting a direction for the district including the task of working with various stakeholders to develop a vision, mission and goals for the organization. Prerequisite(s): PTE 5013, 5153, EADM 5353, 5453, 5543, 5553, 5583, 5623, 5673, 5683 and 5814.

### **EADM 5723 - Sch District Instr Planning**

School District Instructional Planning is grounded in Educational Leadership Constituent Council standard #2, and addresses the role of the school superintendent as instructional leader in promoting the success of all students including the tasks of promoting a positive school culture, providing an effective instructional program, applying best practice to student learning, and designing comprehensive professional growth plans for staff. Prerequisite(s): PTE 5013, 5153, EADM 5353, 5453, 5543, 5553, 5583, 5623, 5673, 5683, 5814.

### **EADM 5733 - Sch District Organization Mgmt**

School District Organizational Management is grounded in Educational Leadership Constituent Council standard #3, and addresses the role of the school superintendent in promoting the success of all students by managing the organization, operations, and resources in a way that promotes a safe, efficient, and effective learning environment. Prerequisite(s): PTE 5013, 5153, EADM 5353, 5453, 5543, 5553, 5583, 5623, 5673, 5683, 5814.

### **EADM 5743 - Sch District Community Collab**

School District Community Collaboration is grounded in Educational Leadership Constituent Council standard #4, and addresses the role of the school superintendent in promoting the success of all students by collaborating with families and other community members, responding to diverse community interests and needs, and mobilizing community resources. Prerequisite(s): PTE 5013, 5153, EADM 5353, 5453, 5543, 5553, 5583, 5623, 5673, 5683, 5814.

### **EADM 5753 - Sch District Eth, Infl, & Pol**

School District Ethics, Influence and Politics is grounded in Educational Leadership Constituent Council standard #5 and #6, and addresses the role of the school superintendent in promoting the success of all students by acting with integrity, fairly, and in an ethical manner and by understanding, responding to, and influencing the larger political, social, economic, legal, and cultural context. Prerequisite(s): PTE 5013, 5153, EADM 5353, 5453, 5543, 5553, 5583, 5623, 5673, 5683, 5814.

### **EADM 5814 - Principalship/Internship**

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, proce-

dures, 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.

### **EADM 5900 - Practicum In Education**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **EADM 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): EADM 5543, and admission to the School Administration program.

### **EADM 5920 - 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.

### **EADM 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **EADM 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study. Prerequisite(s): EADM 5543, and admission to the School Administration program.

### **EADM 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.

### **EADM 5960 - Institute**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **EADM 5970 - Study Tour**

Credit will vary from 1 to 2 hours; subject matter will vary within the department's field of study.

### **EADM 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **EARLY CHILDHOOD EDUCATION (ECED) Department of Curriculum and Instruction**

### **ECED 5042 - Empowerment Of Families/Communities**

This course focuses on the critical impact of the family- school-community partnership on the educational progress of children. Theoretical perspectives on family and socio-cultural 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.

### **ECED 5063 - Development, Learning, & Family Involvement Through Age 3**

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.

## Graduate Course Descriptions

### **ECED 5073 - Language Development & Emerging Literature**

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.

### **ECED 5082 - Parent Education III**

(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.

### **ECED 5103 - Development, Learning, & Family Involvement: The Child from 4 to 8**

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.

### **ECED 5133 - Science & Social Studies In Early Childhood**

This course focuses on the application of cognitive development and the constructivist theory in the selection of appropriate methods, materials, and learning experiences for preschool and primary-age children in science and social studies.

### **ECED 5153 - Development Assessment Issues ECED**

Graduate students will study assessment issues currently impacting young children and their families birth to age eight. There is an emphasis on creating an authentic assessment system to use with a classroom of young children. A research component is included in the course.

### **ECED 5223 - Educational Practices/Constructivist Techniques**

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 - Affirming Diversity: Multicultural Education**

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 - Creativity in Early Childhood**

This course provides an introduction to the diverse range and variability of creative development including creative thinking, creative processes, creative abilities, the aesthetic and performing arts, music, and movement for children and teachers of young children.

### **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 - Theoretical Perspective Learning & Practice**

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 - Professionalism & Advocacy**

This course examines the professional landscape of the early childhood educator, including the knowledge and use of ethical guidelines and other professional standards related to early childhood practice. Special emphasis is placed on the various ways they can serve as advocates for young children and their families. Communication skills, as well as skills in identifying and using professional resources are included. It is recommended that this course be taken at the beginning of the ECED Master's Program.

### **ECED 5883 - Teachers as Researchers**

This course examines action research, an approach to research involving self-reflective, systematic inquiry by education practitioners for the purpose of studying and improving their own practice. Identification of problems to investigate, research design, data collection, data analysis, data interpretation and technical writing are presented. The ethics of action research with human subjects is addressed. Students plan and implement a practice-based action research project and report on the outcomes of their study. Students writing a thesis will complete the thesis proposal in place of the action research. Prerequisite(s): PTE 5013. Enrollment open to graduate students with 19 or more hours.

### **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 5920 - 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.

### **ECED 5930 - Individual 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 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **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.

## Graduate Course Descriptions

### **ECED 5970 - Study Tour**

Credit will vary. 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 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 - Economic 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**

An advanced investigation 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 of 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/Regulation/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. The 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 Economics**

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 5603 - 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 5893 - Applied Research & Analysis 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.

### **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 5920 - 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.

### **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.



## Graduate Course Descriptions

### **ECON 5940 - Field Study In Economics**

Credit will vary from 1 to 9 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. 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 5223 - Literature-Based Language Arts Instruction**

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 Elementary Teachers**

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 - Teaching Mathematics 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 - Teaching Mathematics In 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 5463 - Social Studies in The Elementary School**

This course will address the function of social studies in elementary education, and facilitate the development of procedures and techniques for teaching social studies in the elementary grades. Prerequisite(s): Admission to Teacher Education.

#### **ELED 5483 - 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 5513 - Algebra & Mathematical Tasks PK-5**

This course focuses on algebraic literacy of elementary teachers and the integration of algebraic reasoning throughout the elementary student experience as well as the creation and implementation of elementary level mathematical tasks.

#### **ELED 5523 - Geometry and Spatial & Learning Trajectories PK-5**

This course will focus on the content and complexities of teaching and learning geometry and spatial visualization in grades PreK-5. The course will also examine the learning trajectories that support developing mathematical concepts and skills. Course content will include geometric properties and relationships, visualization and spatial reasoning, transformational and coordinate geometries, and geometric constructions and modeling.

#### **ELED 5533 - Number Concepts & Assessment PK-5**

This course focuses on the analysis and construction of effective mathematical tasks in teaching number systems and operations at the PK-5 level. Attention is also given to the expansion of content knowledge and issues related to assessment.

#### **ELED 5543 - Teaching Measurement & Data Analysis PK-5**

This course focuses on statistical literacy of elementary teachers and the teaching of data analysis and measurement of K-5 students. Emphasis is placed on the use of technology to enhance student learning.

#### **ELED 5553 - Rational Number, Proportional Reasoning & Classroom Interaction**

Rational Number Concepts, Proportional Reasoning, and Classroom Interactions (PK-5) focuses on teaching rational number concepts and developing proportional reasoning skills for PK-5 classroom. Attention is also given to learning methods which facilitate appropriate classroom interactions.

#### **ELED 5563 - Mathematics Leadership & Coaching PK-5**

This course focuses on the development of skills and knowledge for school mathematics program design and leadership, and for coaching other teaching professionals in mathematics teaching. Prerequisite(s): 12 hours selected from the following (ELED 5513, 5523, 5533, 5543, 5553).

#### **ELED 5733 - Teaching Mathematics For Understanding**

The focus of this course is on the use of instructional strategies that help learners achieve understanding of mathematics concepts in the elementary grades. Areas covered in the course include the selection of effective instructional materials and the planning and implementation of mathematics instruction as well as appropriate methods for evaluating student achievement in mathematics. Mathematics subject matter content and concepts will also be included.

#### **ELED 5753 - Social Studies In Global Environment**

This course will focus on the nature and scope of the elementary social studies program. Emphasis will be on the selection and organization of instructional materials and improvement of teaching techniques.

#### **ELED 5772 - Improving Instruction In Literature Elementary Schools**

Based upon children's interests, needs, and learning ability, students will consider the evaluation, selection and use of all genre of literature currently being used in elementary and middle schools. Improving teaching techniques using literature will be interwoven throughout

## Graduate Course Descriptions

the course.

### **ELED 5883 - Teachers as Researchers**

This course examines action research, an approach to research involving self-reflective, systematic inquiry by education practitioners for the purpose of studying and improving their own practice. Identification of problems to investigate, research design, data collection, data analysis, data interpretation and technical writing are presented. The ethics of action research with human subjects is addressed. Students plan and implement a practice-based action research project and report on the outcomes of their study. Students writing a thesis will complete the thesis proposal in place of the action research. Prerequisite(s): PTE 5013.

### **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 5920 - 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.

### **ELED 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **ELED 5940 - Field Study**

Credit will vary from 1 to 9 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. 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 5013 - Bibliography & Methods Of Research**

This course exposes students to both the theory and the practice of advanced scholarly research in literary studies.

### **ENG 5023 - Technical Writing**

Technical Writing 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 5063 - Women In Science/Technical Writing**

This class will cover the history of scientific and technical writing of women writers from Renaissance through the twentieth century.

### **ENG 5073 - 19th Century British Women Writers**

This course examines the works of major British women writers of the nineteenth century, focusing on the female literary tradition inherent in their novels and poetry.

### **ENG 5083 - Early American Gothic Fiction**

This course examines the Gothic tradition in works of American fiction written during the 18th and 19th centuries, focusing on the way in which this tradition responds to American ideology and events in American history.

### **ENG 5093 - 20th Century American Womens Autobiography**

This course examines autobiographies written by women during the twentieth century. The course will concentrate on providing a theoretical background and strategies for analyzing women's life writing.

### **ENG 5103 - Modern Drama**

This one-semester course in world drama, covering about twenty-four plays, starts with Ibsen, the late nineteenth-century father of modern drama, and proceeds to several contemporary plays, focusing on major world dramatists and dramatic movements.

### **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 5123 - Shakespeare: The Major Plays**

Shakespeare: The Major Plays offers an intensive study of a selection of Shakespeare's major comedies, tragedies, histories, and romances and examines the historical contexts, critical reception and interpretation, and performance histories of plays in each of these genres.

### **ENG 5133 - 19th Century British Novel**

This course will provide an intensive examination of novels by British fiction writers 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 5143 - Blogs: New Independent Media**

Blogs: New Independent Media analyzes the growing impact of Internet blogs, or weblogs, on American culture. The course also gives students the practical experience of creating and maintaining a blog.

### **ENG 5153 - Victorian Literature**

This course on the major British literary figures during of the Victorian period (1832-1901) is designed to introduce students to the use of Victorian periodicals and to the terminology and aims of modern schools of criticism.

## Graduate Course Descriptions

### ENG 5163 - The Detective Story

The Detective Story places detective fiction in three contexts: an historical context, in which the rise and decline of the detective story and its transformation into the novel of mystery and 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 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.

### ENG 5173 - Romantic Literature

A study of the major writers of the British Romantic period from the 1780's to the 1820's, this course is designed to introduce students to the major literary criticism on the Romantic period as to increase their understanding of the British Romantic writers' ideals and artistic themes.

### ENG 5183 - Restoration/18th Century British Literature

This course offers a comprehensive study of the major authors, genres, and thematic concerns of Restoration and early 18th-century British literature.

### ENG 5193 - British Novel 1900-1940

This course on the work of the major British novelists from approximately 1900 to 1940 focuses on the Modernist movement in British literature.

### ENG 5203 - The Age Of Johnson

Taking the writing of Samuel Johnson as a point of departure, this course examines the major authors, genres, and thematic concerns of British literature during the period 1737-84.

### ENG 5213 - 18th Century British Novel

This course on the work of the major British novelists of the eighteenth century focuses on the rise of the British novel and deals with the major antecedent of the novel as a genre.

### ENG 5223 - Southern Women Writers

This course offers a survey of twentieth-century American women writers including Eudora Welty, Flannery O'Connor, Kate Chopin, Carson McCullers, Alice Walker, Zora Neale Hurston and such contemporary writers as Shirley Ann Grace and Elizabeth Spencer.

### ENG 5233 - American Novel I

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.

### ENG 5243 - Chaucer

This one-semester course on the Canterbury Tales and Troilus and Criseyde presents Chaucer's text in Middle English, but students are allowed to use a translation as an aid to understanding his language.

### ENG 5253 - American Novel II

This one-semester course on the evolution of the American novel from 1900 to World War II examines a range of literary styles and analyzes the characteristics of realism, naturalism, and modernism in a representative sampling of important texts.

### ENG 5263 - 19th-Century Russian Literature in Translation

Nineteenth-Century Russian Literature in Translation provides a detailed overview of major developments in nineteenth-century Russian literature, together with an intensive study of selected works by major writers of the period.

### ENG 5273 - American Fiction Since WW II

This one-semester course in the development of postmodern American fiction begins with two prewar novels and contrasts later, radical texts with more conservative ones, charting the major characteristics of postwar fiction and setting it within the historical and aesthetic context of American literature.

### ENG 5283 - English Grammar And Usage

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.

### ENG 5303 - Technical Editing

Technical Editing offers students the opportunity to learn grammar and editing skills by reading theory, testing knowledge of grammar, and completing an editing project. This course teaches students practical editing skills and helps them to become stronger editors. Prerequisite(s): ENG 5023.

### ENG 5313 - Cinema of the Seventies

This course examines the development of American cinema during the 1970s, including unique themes of the environment and major directors of the period.

### ENG 5323 - History English Language

The course examines 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. Students in this class will consider the time periods, explore the major influences on and characteristics of the language in each period, and study how the language influenced, was influenced by, and is reflected in the literature of each period.

### ENG 5333 - Teaching Shakespeare

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 "performance method" of teaching Shakespeare, defined by Michael Tolydo and the Folger Teaching Shakespeare Institute, is given special consideration.

### ENG 5343 - Linguistics

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.

### ENG 5353 - Issues In Linguistics

This course offers an intensive study of a specific topic within the discipline of linguistics. Content will vary within the limits of discipline.

### ENG 5363 - Theories of Film History

This course examines various philosophies of history and current theoretical approaches to historical and cultural study as well as exploring questions of aesthetics, economics, social practice, and cultural history. In addition, the work of several generations of film historians is surveyed.

### ENG 5373 - Methods of Film Research

This course will introduce students to the fundamentals of advanced scholarly research in film studies, providing the professional skills essential for researching the critical and cultural history of the cinema.

## Graduate Course Descriptions

### ENG 5383 - Modern American Poetry

This one-semester course surveys 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.

### ENG 5393 - Literary Impressionism

Literary Impressionism provides an intensive study of the major works of Henry James, Joseph Conrad and Ford Maddox Ford as well as of the literary, philosophical, and artistic contexts, including the impressionist movement in the visual arts, that influenced these writers and their works.

### ENG 5403 - Greek Drama in Translation

Greek Drama in Translation provides an intensive study of the major tragedies by Aeschylus, Sophocles, and Euripides as well as some of the works by Aristophanes and Menander. This course will give the student of literature as well as the writer in training a better grasp of the literary and cultural significance of these masterpieces.

### ENG 5413 - TESL Grammar

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.

### ENG 5423 - A Literary Study Of The Bible

This course offers a study of the Bible as literature and provides an overview of current historical, anthropological, archetypal, and linguistic approaches to the study of the Bible. Students in this course study the forms of the biblical texts, 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.

### ENG 5433 - Classical Hollywood Cinema

This course offers students an advanced understanding of the aesthetic and industrial practices that have defined the classical Hollywood cinema.

### ENG 5443 - Literature of the American West

Literature of the American West investigates the American West as myth, setting, and symbol in literary texts in a variety of genres written between the beginning of the nineteenth century and the present day.

### ENG 5453 - American Indian Authors

American Indian Authors examines a particular American Indian author or selected groups or movements of American Indian authors.

### ENG 5463 - American Indian Literature

American Indian Literature is a critical survey of traditional and contemporary American Indian literature. Students will analyze diverse types of American Indian literary contributions, including oratory, poetry, drama, prose fiction, criticism, and autobiography.

### ENG 5473 - Advanced Composition

This course presents the principles of effective writing and affords students the opportunity to apply these principles through extensive writing practice.

### ENG 5483 - Milton: Poetry And Prose

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 politi-

cian, profound theologian, and visionary poet.

### ENG 5493 - Document Design

Document Design offers students the opportunity to learn about design standards, page layout, instructional design, desktop publishing, typography, reading theory, and current research in document design. Prerequisite(s): ENG 5023.

### ENG 5503 - 16th Century British Literature

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.

### ENG 5513 - Literary Works Of C.S. Lewis

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.

### ENG 5523 - Major Figures & Movements

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.

### ENG 5533 - Teaching Methods For Teaching Assistants

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.

### ENG 5543 - History of Scientific Rhetoric

History of Scientific Rhetoric offers students the opportunity to learn about some of the major historical authors of science writing, about the techniques that authors use when discussing a scientific topic, about how those techniques have changed over time based on audience needs, and about the reasons why science writing is still important today. Prerequisite(s): ENG 5023.

### ENG 5553 - History Rhetoric To 1700

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.

### ENG 5563 - Modern British Poetry

This one-semester course examining the works of the major British poets from before World War I to the contemporary era.

### ENG 5573 - British Novel Since WW II

This course examines the major British novelists and their work from approximately 1940 to 1990, focusing on "post-modernism" as a major literary movement in England following World War II.

### ENG 5583 - 17th Century British Literature

This course surveys British literature of the seventeenth century, focusing on, among others, the prose writers Browne, Burton, Donne, and Walton, novelists Defoe and Behn, and the poets Donne, Herbert, Marvell, Vaughan, and Traherne. Prerequisite(s): 6 hours grammar and composition.

## Graduate Course Descriptions

### ENG 5593 - Fitzgerald & Hemingway

Fitzgerald and Hemingway provides an intensive study of the works of Ernest Hemingway and F. Scott Fitzgerald in the context of Jazz Age culture and the literary work of the Expatriates.

### ENG 5601 - Composition and Rhetoric Portfolio

Composition and Rhetoric Portfolio, taken during the last semester of the graduate major in Composition and Rhetoric, will direct students in the compilation and final revision of artifacts for the portfolio and will help to prepare students for the oral portfolio examination. Prerequisite(s): Enrollment open to Composition and Rhetoric majors only.

### ENG 5613 - 18th Century Poetry: Pope To Cowper

This course offers an in-depth survey of the works of the major poets of 18th -Century Britain, including Alexander Pope, Thomas Gray, Anna Laetitia Barbauld, and William Cowper. This course also provides an overview of the major genres and thematic concerns of the 18th-Century British Poetry and traces the development of British cultural attitudes and esthetic sensibilities from the Augustan age to the beginning of the Romantic Period.

### ENG 5623 - Shakespeare Tragedies

This one-semester course offers an in-depth study of a selection of Shakespeare's tragedies.

### ENG 5633 - Old English Literature

This course offers an in-depth survey of the major works of Old English literature, including heroic and religious poetry, homilectic prose, riddles, elegies, and saints' lives. This course also provides an overview of Anglo-Saxon history and culture and an introduction to Old English grammar, syntax, and vocabulary.

### ENG 5643 - Young Adult Literature Before 1980

Young Adult Literature Before 1980 examines literature written before 1980 specifically for or taught to an adolescent audience.

### ENG 5653 - History Rhetoric Since 1700

This course surveys the history of rhetoric in western Europe from 1700 to the Present. The first half of the course covers the rhetorics of The Enlightenment, 1700 to 1900, and the second half covers the rhetorics of the twentieth century.

### ENG 5663 - The Beat Movement

This course examines the works of many of the most significant writers of the Beat Movement in American literature of the 1950s and 1960s, including Allen Ginsberg, Jace Kerouac, and William Burroughs.

### ENG 5673 - Young Adult Literature After 1980

Young Adult Literature After 1980 examines literature written after 1980 specifically for or taught to an adolescent audience.

### ENG 5683 - Women in Literature

Women in Literature examines literature written by women and highlights the importance of gender in evaluating English, American, and world literature and literary criticism by women writers.

### ENG 5693 - Films of Akira Kurosawa

This course explores the works of Akira Kurosawa by examining his life, his films, and the impact of his greatest works on the world cinema. Prerequisite(s): Graduate standing.

### ENG 5703 - Kung Fu Films & Literature

This course examines Asian martial arts films, focusing primarily on Hong Kong films, by exploring such film icons as Bruce Lee and Jackie Chan; by analyzing the works of directors such as Ang lee and Chang Cheh; and by evaluating the Chinese philosophies of Taoism, Buddhism and Confucianism in such films.

### ENG 5713 - 19th Century American Women Writers

This course provides an introduction to the major American female writers of the nineteenth century. This course focuses on novels, but includes short stories and poetry.

### ENG 5723 - Composition Pedagogies

This class examines practical strategies for helping students improve their composition skills by exploring established and emerging pedagogies.

### ENG 5733 - TESL Pedagogy

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.

### ENG 5743 - Pre-Shakespearean Literature

Pre-Shakespearean Literature analyzes traditional English texts from the point of view of the creativity of character and their relation to narrative. This course offers an intensive study of different literary forms and their effects on the reader.

### ENG 5753 - Issues In Rhetoric

This course offers an intensive study of a specific topic within the canon of rhetoric. Content will vary within the limits of the discipline.

### ENG 5763 - American Literature 1800-1865

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.

### ENG 5773 - American Literature 1865-1900

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.

### ENG 5783 - Composition Theory & Research

This course provides an in-depth study of the scope of composition theory, the methods of composition research, and the work of individual theorists.

### ENG 5793 - Character & Culture - 18th Century

Character and Culture in the Eighteenth Century examines representative texts in eighteenth-century English literature that show how human identity was conceived and presented through various literary structures, with special emphasis on the novel and the drama. The growth of the reading public and the rise of the middle class, the invention of biographical writing, the exploration of friendships between men and women, and the dialectic between the individual and society are key issues to be covered in this course.

### ENG 5803 - 20th-Century Spanish Literature in Translation

Twentieth-Century Spanish Literature in Translation examines twentieth-century works (translated from Spanish into English) by such writers as Unamuno, Lorca, Jimenez, Borges, Mistral, Neruda, Garcia Lorca, Paz, Allende, Anaya, and others. This course explores the interchange of influences between the old world and the new.

### ENG 5813 - American Indian Youth Lit

American Indian Youth Literature studies American Indian children and adolescent literature from a variety of perspectives including traditional educational texts, contemporary texts, and challenged/

## Graduate Course Descriptions

contentious texts.

### ENG 5823 - Ethnic American Literature

This one-semester course focuses on the literature of African-Americans, Asian-Americans, Hispanic Americans, American Indians, and European Americans.

### ENG 5833 - Cyberpunk Film and Literature

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.

### ENG 5843 - Teaching Secondary English

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.

### ENG 5853 - Shakespeare Comedies

This one-semester course offers an in-depth study of six of Shakespeare's comedies. In addition to studying the secondary criticism, students will correlate films and stage productions with their reading of the primary texts.

### ENG 5863 - Shakespeare's History Plays

This course provides extensive research into the plays and background of the early Kings of England through literary analysis.

### ENG 5873 - American Indian Film

American Indian Film offers a critical survey of early and contemporary American Indian films. Students will analyze diverse types of American Indian cinematic contributions, including silent films, documentaries, features, shorts, and animated films.

### ENG 5883 - Asian American Literature

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.

### ENG 5891 - Comprehensive Examination

This course, taken during the student's last semester in the program, will prepare the student for and will assist the student in successfully completing the Comprehensive Examination.

### ENG 5900 - Practicum In English

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### ENG 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

### ENG 5920 - 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.

### ENG 5930 - Individual Study In English

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.

### ENG 5940 - Field Study In English

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### ENG 5950 - Internship In English

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.

### 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. 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 Engineering and Physics

#### ENGR 5023 - Heat Transfer

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): MATH 3103, ENGR 3443, 3703 or concurrent enrollment in ENGR 3703.

#### ENGR 5083 - Electromagnetic Fields II

This course presents the application of Maxwell's equations to time-varying electromagnetic fields, electromagnetic waves, radiation, diffraction, the electromagnetic theory of light, and antenna design. Prerequisite(s): ENGR 3183.

#### ENGR 5103 - Finite Element Analysis

This course will cover the advanced topics of finite element analysis (FEA) including FEA formula for tress, beam, 2D and 3D elasticity problems, general theory and applications of FEA. This course includes approximate solution methods, the RITZ method, interpolation, isoparametric finite elements, and displacement-based bending elements for solving complex engineering problems. The course incorporates the development of stand-alone finite element computer codes and the application of commercial finite element software packages to analyze advanced solid mechanics problems. Prerequisite(s): ENGR 2143, 3703 and PHY 3883.

#### ENGR 5143 - Vibration

This course analyzes free and forced vibrations of single and two degree of freedom mechanical systems. This course also covers vibration of continuous systems. Prerequisite(s): MATH 3103 and ENGR 2043 with a minimum grade of "C", PHY 3883 or concurrent enrollment.

#### 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 5223 - Biomedical Imaging

This course will cover topics in physics related to medical instrumentation, image acquisition, and image processing methods used in biomedical imaging systems such as X-ray, X-ray computed



## Graduate Course Descriptions

tomography, ultrasound, and magnetic resonance imaging. Topics in medical imaging metrics used to evaluate the performance of the imaging systems will also be covered. Prerequisite(s): ENGR 3323 with a minimum grade of "C" and graduate standing.

### **ENGR 5233 - Biomedical Instrumentation**

This course covers theories and techniques to detect, acquire, process, and display signals from living systems. Coverage of the principles, applications, and design of biomedical sensors/transducers, diagnostic and therapeutic devices will be provided. Electrical safety and FDA regulations will also be covered. Prerequisite(s): MATH 3103, ENGR 2303 and ENGR 2311 all with a minimum grade of "C" and graduate standing.

### **ENGR 5303 - Control Systems**

This course focuses on linear, non-linear, and discrete automatic control systems; feedback control; system robustness and stability; and classical and modern control theories. Prerequisite(s): ENGR 3323.

### **ENGR 5323 - Digital & Analog Communication**

This course addresses selected theoretical and practical aspects of digital and analog communications systems such as amplitude modulation, frequency modulation, phase modulation, pulse code modulation, PSK, ASK, probability of error, and multiplexing. It also covers the sampling theory and analog to digital conversion. This course develops the engineering mathematics and techniques to describe the physical transmission of information over band-limited channels, taking into account channel characteristics and the presence of noise and distortion. Prerequisite(s): ENGR 3323.

### **ENGR 5333 - Digital Signal Processing & Laboratory**

The course discusses the representation, analysis, and design of digital signals and systems. Among the topics that will be covered are discrete signals and systems, signal sampling and reconstruction, z-transform, discrete Fourier transform, fast Fourier algorithms, also IIR and FIR filter structure and design. Prerequisite(s): ENGR3323. Concurrent enrollment in ENGR 5333L is required.

### **ENGR 5333L - Digital Signal Processing Laboratory**

This course comprises the laboratory component of ENGR 5333. Labs are designed to facilitate and reinforce the understanding of the concepts covered in the lecture course, and equip students with the skills associated with digital signal processing. Prerequisite(s): Concurrent enrollment in ENGR 5333 is required.

### **ENGR 5343 - Biomechanics**

This course applies engineering principles to biological systems. Topics in this course include circulatory system, lymphatic system, nervous and sensory systems, respiratory system, urinary system, muscular system, skeletal system, digestive system and immune system. Prerequisite(s): ENGR 2043 and MATH 3103 both with a minimum grade of "C".

### **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 5533 - Thermal Systems Design**

This course develops the concepts and methodology of advanced system design, energy analysis, and optimization applied to thermal-fluid systems. Topics include simulation and analysis to determine performance of existing systems; and design of thermal-fluid systems,

including component selection, to meet specified requirements. A discussion of engineering economics relevant to design topics covered is included in this course. Prerequisite(s): ENGR 4123 or 5023.

### **ENGR 5553 - Applied Problems**

The methods used to assess and solve applied problems commonly encountered in modern industry and technology are presented. 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 holography, 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 5633 - Solid State Devices**

The physical principles of operation of the p-n junction, metal semiconductor contact, bipolar junction transistor, MOS capacitor, MOS and junction field-effect transistors, and related electro-optical devices are presented. First-order device models reflecting the underlying physical principles are developed. Prerequisite(s): PHY 3103 and ENGR 3183 or permission of instructor.

### **ENGR 5803 - Mechatronics & Laboratory**

This course will discuss high-level design, optimization, control of electromechanical and mechatronic systems, dynamic analysis, modeling, simulation of electric machines, power electronics, and sensors. Application of advanced software and hardware in mechatronic systems design and its optimization to complex system will also be discussed. Prerequisite(s): ENGR 2043 and 3323 with a minimum grade of "C". Concurrent enrollment in ENGR 5803L is required.

### **ENGR 5803L - Mechatronics Laboratory**

This course comprises the laboratory component of ENGR 5803. Experiments and computer simulations are designed to reinforce the concepts covered in the lecture course and equip students with the basic skills associated with the design, simulation and analysis of electromechanical systems and mechatronics devices. Prerequisite(s): ENGR 3323 and 2043 with a minimum grade of "C". Concurrent enrollment in ENGR 5803 is required.

### **ENGR 5910 - Seminar/Special Topics**

Credit will vary from 1 to 3 hours. Subject matter will vary within the department's field of study.

### **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 5940 - Field Study**

Credit will vary from 1 to 9 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.

## **PROFESSIONAL TEACHER EDUCATION (ESFR) Department of Educational Services, Foundation & Research**

### **ESFR 5413 - Foundations of Gifted Education**

The purpose of this course is to introduce concepts and techniques for providing differentiated educational strategies for gifted and talented students. The historical and cultural foundation of gifted

## Graduate Course Descriptions

education programs provides a framework to examine different types of current-day gifted education programs, characteristics and identification procedures of gifted students, and gifted education theory and pedagogy. In addition, this course examines relevant state and federal policies related to gifted and talented education.

### **ESFR 5423 - Social Emotional Needs - Gifted Education**

The purpose of this course is to focus on developing teachers' professional knowledge bases, critical decision-making competencies and leadership skills, as well as professional dispositions related to the special social and emotional characteristics and needs of gifted learners. As such, students will develop their knowledge and understanding of gifted learners' social and emotional needs in school, family and community contexts, consider the potential for using counseling and other social interactions to support the complex socio-emotional and developmental characteristics that distinguish gifted learners as they confront the challenges of developing their own knowledge and skills in academic and other settings.

### **ESFR 5433 - Curriculum Design - Gifted Education**

The focus of this course is the design of curricula for students who are gifted, talented, or creative. The course provides an overview of teaching/learning techniques, strategies, methods and scope and sequence to enrich, expand, differentiate, and/or accelerate curriculum. Major models for gifted education including the Integrated Curriculum Model, commonly used in gifted education, will be explored. Prerequisite(s): ESFR 5413 and graduate standing.

### **ESFR 5443 - Identification & Assessment for Gifted Education**

This course examines broad concepts of intelligence and assessment and provides techniques to identify gifted, talented and creative students. Participants will develop a working knowledge of assessment techniques and will develop awareness of the influences of language, culture, ethnicity, gender, and exceptionality on recognition and subsequent identification of giftedness from multiple perspectives. Prerequisite(s): ESFR 5413 and graduate standing.

### **ESFR 5453 - Leadership for Gifted Education**

This course examines public policy impact on gifted education as well as the skills required to implement communication, collaboration, and consultation in the area of gifted education. The development of leadership and communication skills in teachers of the gifted, talented, and creative are aligned with best practices in gifted education. Prerequisite(s): ESFR 5413 and 5433 and graduate standing.

### **ESFR 5900 - Practicum**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **ESFR 5910 - Seminar/Special Topics**

Credit will vary from 1 to 3 hours. Subject matter will vary within the department's field of study.

### **ESFR 5920 - Workshop**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **ESFR 5930 - Independent Study**

Credit will vary from 1 to 3 hours. Subject matter will vary within the department's field of study.

### **ESFR 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **ESFR 5950 - Internship**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **ESFR 5960 - Institute**

Credit will vary from 1 to 3 hours. Subject matter will vary within the department's field of study.

### **ESFR 5970 - Study Tour**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **ESFR 5990 - Thesis**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

## **FAMILY AND CONSUMER SCIENCE EDUCATION (FACS)**

### **Department of Adult Education & Safety Science**

#### **FACS 5113 - Family Resource Management**

This course is 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 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 5453 - Consumer Management**

This course is designed to provide a framework for examining the key areas of personal and family financial decision-making and goal setting, consumer issues, decisions and the relationship of resource allocation for the family throughout the life cycle.

#### **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 5920 - 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.

#### **FACS 5930 - Individual 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.

#### **FACS 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study. Prerequisite(s): An undergraduate minor

## Graduate Course Descriptions

in the subject matter area and written permission of graduate advisor.

### **FACS 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.

### **FACS 5960 - Institute**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **FACS 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **FACS 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **FINANCE (FIN) Department of Finance**

### **FIN 5203 - Contemporary Problems In Finance**

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.

### **FIN 5223 - International Finance**

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.

### **FIN 5233 - Investment Analysis**

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.

### **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. pecific 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 - Financial Administration & 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.

### **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 5920 - Workshop in Finance**

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.

### **FIN 5930 - Individual Study In Finance**

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.

### **FIN 5940 - Field Study In Finance**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **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 8 hours. Subject matter will vary within the department's field of study.

### **FIN 5970 - Study Tour**

Credit will vary. 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.

## Graduate Course Descriptions

### FOREIGN LANGUAGE (FLGN)

#### Department of Modern Languages, Literature & Cultural Studies

##### FLGN 5000 - Workshop In Foreign Language

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.

##### FLGN 5103 - Literature Of French/Hispanic Caribbean

This course provides an introduction to French and Hispanic Caribbean literary movements. Texts are available in original French and/or Spanish, and also in English translation. Concepts introduced include colonial independence and patriotism, negritude, social injustice, the spirituality of santeria and voodoo, among others. Prerequisite(s): 17 hours in major (French, Spanish or others) and permission of the instructor.

##### FLGN 5900 - Practicum In Foreign Language

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

##### FLGN 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Subject matter will vary from within the department's field of study.

##### FLGN 5920 - Directed Reading

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

##### FLGN 5930 - Individual 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. 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 5023 - Theories In Family & Child 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 and Sexuality

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. The course will also examine the historical, theoretical, and research perspectives of human sexuality through the life span. Prerequisite(s): Six hours of marriage, family, or related courses (psychology, sociology).

##### FMCD 5102 - Case Management

This course covers principles, practices and issues in case management. The course will increase self-awareness and familiarize students with the concepts and skills required to work with clients in a case management role. The course will also provide skills and knowledge to supervise case management work in the field. Prerequisite(s): Enrollment open to Family & Child Studies-Family Support Specialist and Family Life Education majors only. Admission to the graduate program.

##### FMCD 5333 - Models of Marriage and Family Therapy

Models of Marriage and Family Therapy will cover the history of marriage and family therapy, theoretical models of MFT, and emerging models and current adaptations of models. Prerequisite(s): Enrollment open to Family & Child Studies-LMFT majors only.

##### FMCD 5342 - Infant Mental Health

This course is an historical, theoretical, and empirical overview of the field of infant mental health. The foundations of infant mental health and direct work with infants and parents will be covered. This course explores the role and function of the infant mental health specialist and the use of relationship and reflection in work with families. Students will gain an understanding of the impact that early trauma, family violence, poverty and developmental disabilities can have on young children.

##### FMCD 5363 - Ethics/Issues In Family/Child Study

The study includes 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 Development Child/Family Studies

This course is a study of 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 5423 - Linking Families & Community

This course is a study of programs in the community that offer support, education, assistance, assessment and intervention to families. Students will research program's mission and goals and effective means of program development, delivery and evaluation. Program methodology and evaluation will also be examined. Prerequisite(s): Enrollment open to Family and Child Studies majors only.

##### FMCD 5523 - Family Law and Public Policy

This course is a general survey of government programs and policies that impact on the family. Topics to be covered include child care, aging, legal aspects of family life, mental health, generational equity, family violence, income maintenance, and family impact analysis. Students will be encouraged to critique past and current policies as well as develop a research policy agenda for the future.

##### FMCD 5543 - Leadership Comm and Advocacy

Leadership, Communication and Advocacy will explore the theories and principles of leadership and communication skills while working with family agencies. Leadership and communication skills, characteristics and techniques will be examined. Current issues of advocacy and legislation will be discussed. Additional areas of study will include professional organizations, certifications, and career development.

##### FMCD 5712 - Parent Education

The course is an in-depth study of programs that facilitate parent education. The history of parent education programs, group dynamics, and home-based parent education will be discussed.

## Graduate Course Descriptions

### **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 5920 - 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.

### **FMCD 5930 - Individual 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.

### **FMCD 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study. Prerequisite(s): An undergraduate minor in the subject matter area and written permission of graduate advisor.

### **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. 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 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 written permission of graduate advisor.

### **FMKT 5920 - 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.

### **FMKT 5930 - Individual 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.

### **FMKT 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study. Prerequisite: An undergraduate minor in the subject matter area and written 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. Subject matter will vary within the department's field of study.

## **FUNERAL SERVICE (FNRL) Department of Funeral Service**

#### **FNRL 5900 - Practicum In Funeral Service**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### **FNRL 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### **FNRL 5920 - 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.

#### **FNRL 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### **FNRL 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

#### **FNRL 5950 - Internship In Funeral Service**

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.

#### **FNRL 5960 - Institute In Funeral Service**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

#### **FNRL 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

#### **FNRL 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## Graduate Course Descriptions

### FRENCH (FRCH)

#### Department of Modern Languages, Literature & Cultural Studies

##### FRCH 5203 - French Culture & Civilization

Prerequisite(s): 18 hours of French.

##### FRCH 5223 - Advanced French Grammar

Prerequisite(s): Eighteen hours of French.

##### FRCH 5303 - Francophone Literatures

This course focuses on the historical and aesthetic evolution of one or more of the literatures of Quebec, the Maghreb, Francophone West Africa, and/or the Caribbean. Prerequisite(s): 17 hours of French.

##### FRCH 5900 - Practicum In French

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

##### FRCH 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): 18 hours of French and permission of instructor. May be repeated for credit up to four hours with change in content.

##### FRCH 5920 - Workshop in French

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.

##### FRCH 5930 - Individual Study

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 with change in content.

##### FRCH 5940 - Field Study In French

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

##### FRCH 5950 - Internship In French

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.

##### FRCH 5960 - Institute In French

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

##### FRCH 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

##### FRCH 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

### FORENSIC SCIENCES (FRSC) Forensic Science Institute

##### FRSC 5143 - Crime Scene Reconstruction

Crime Scene Reconstruction serves as a comprehensive overview of computer-based and remote sensing technologies in crime scene reconstruction. The focus of this crime scene course is on the use of computer-based, automated data collection, reconstruction, analysis, and courtroom presentation technologies. Students will demonstrate and enhance their understanding of lecture material through participation in practical crime scene exercises.

##### FRSC 5243 - Forensic Psychology

Forensic Psychology provides an overview to the field with a special emphasis in criminal areas. Students will develop an understanding of the most common intersections between forensic mental health and the law, including the criteria required to work as a professional in various capacities.

##### FRSC 5253 - Forensic Science Analysis & Laboratory

Forensic Science Analysis serves as an introduction to classical and modern forensic science techniques with emphasis on the theory of modern impression evidence examinations. Techniques covered include latent fingerprints, handwriting and related document examinations, firearms and toolmarks, and fracture glass examinations. Automated evidence database applications are discussed and practiced. Emphasis is given to quality control and quality assurance as practiced in today's crime laboratories. Prerequisite(s): FRSC 2503. Concurrent enrollment in FRSC 5253L required.

##### FRSC 5253L - Forensic Science Analysis Laboratory

This is the laboratory course that accompanies FRSC 5253. Prerequisite(s): FRSC 2503. Concurrent enrollment in FRSC 5253 required.

##### FRSC 5263 - Forensic and Biological Anthropology

This course serves as a complete study of the human skeletal system and how it is used to determine individual identity using age, sex, stature, and population affinity. The student will examine the process of death through decomposition and identification. There is a field component which details the taphonomic process and collection of skeletal material. The graduate level requires the student to direct a team in field work and lead that team in group presentations. Prerequisite(s): FRSC 2503 and (BIO 2504 or FNRL 2214/2214L or equivalent).

##### FRSC 5303 - Forensic Archaeology

This course is an introduction to traditional archaeological methods and how those methods are then used in a forensic setting primarily for the collection and preservation of evidence. This will include basic skeletal biology and the taphonomic process. Emphasis is given to classical methods of searching and gridding before modern electronic methods are taught. The student will, while working in groups, complete an exhumation of a carcass in the field component of the course. The graduate level requires the student to direct a team in field work and lead that team in group presentations. Prerequisite(s): FRSC 2503.

##### FRSC 5313 - Forensic Pathology

Forensic Pathology serves as a comprehensive study of multidisciplinary scientific principles and techniques which comprise the modern basis in human death investigation. Emphasis is placed on forensic pathology and odontology of human remains. Prerequisite(s): FRSC 2503.

##### FRSC 5323 - Forensic Toxicology & Laboratory

Forensic Toxicology serves as a "hands-on" introduction to modern toxicological methods in forensic science. Topics and analytical techniques covered include sampling preparation, instrumentation, and the analyses of alcohol, drugs of abuse, therapeutic drugs, carbon monoxide, and cyanide in biological fluids and tissues. Prerequisite(s): FRSC 2503 and CHEM 3454. Concurrent enrollment in FRSC 5323L is required.

##### FRSC 5323L - Forensic Toxicology Laboratory

This laboratory course accompanies FRSC 5323. Prerequisite(s): FRSC 2503 and CHEM 3454. Concurrent enrollment in FRSC 5323 is required.



## Graduate Course Descriptions

### FRSC 5333 - Forensic Molecular Biology & Laboratory

This lecture and laboratory course presents advanced principles of serology and DNA identification techniques with forensic laboratory applications. This course includes the theory and practice of techniques used to identify and individualize biological samples having a forensic interest. Related database applications are discussed and practiced. Emphasis is given to quality control and quality assurance as practiced in today's crime laboratory. Prerequisite(s): BIO 3304. Concurrent enrollment in FRSC 5333L is required.

### FRSC 5333L - Forensic Molecular Biology Laboratory

This course is a laboratory course designed to accompany FRSC 5333. Prerequisite(s): BIO 3304. Concurrent enrollment in FRSC 5333 is required.

### FRSC 5343 - Forensic Serology & Laboratory

Forensic Serology is structured to provide advanced concepts of serological techniques as it applies to the collection, preservation and examination of biological evidence. This course includes the theory and practice of techniques used to identify and individualize biological samples having a forensic interest. Emphasis is given to quality control quality assurance as practiced in today's crime laboratory. Prerequisite(s): FRSC 2503. Concurrent enrollment in FRSC 5343L is required.

### FRSC 5343L - Forensic Serology Laboratory

FRSC 5343L is the laboratory course that accompanies FRSC 5343 Forensic Serology and Laboratory. Prerequisite(s): FRSC 2503. Concurrent enrollment in FRSC 5343 is required.

### FRSC 5353 - Firearm and Toolmark Analysis

Firearm & Toolmark Analysis allows students to gain a general understanding of basic firearm and toolmark techniques and carry out practical laboratory assignments under the supervision of the instructor. Students will receive instruction and hands-on experience with firearms (rendered safe), ammunition components, toolmark samples, serial number restorative techniques, and cartridge care/projectile macroscopic analysis. Prerequisite(s): FRSC 4253 or 5253.

### FRSC 5363 - Advanced Crime Scene Technique

Advanced Crime Scene Techniques will present the latest research and current application of new technologies to crime scene processing. Topics include crime scene mapping, 3D technologies, panoramic photography and other advanced evidence collection techniques. Students will also explore approaches to managing complex crime scene investigations and media relations.

### FRSC 5413 - Bloodstain Pattern Analysis

Bloodstain Pattern Analysis 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 attack. Several practical exercises are used to assess the skill and knowledge of the student. Students will demonstrate and enhance their understanding of lecture material through participation in actual practical mock crime scene exercises.

### 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.

### FRSC 5463 - Digital Forensics

Digital Forensics is designed to provide the student with the fundamental concepts of the forensic analysis of digital evidence. Students will receive step-by-step explanations on how to use the most popular digital forensic tools. Topics include digital imaging, legal restrictions related to personal privacy and electronic communication, examination of FAT and NTFS based file systems, forensic methodologies, and the proper documentation of digital forensic examinations. Prerequisite(s): FRSC 2503.

### FRSC 5513 - Forensic Chemistry & Laboratory

Forensic Chemistry serves as a "hands-on" introduction to modern forensic chemistry. Topics and analytical techniques covered include sampling and statistics, sample preparation, instrumentation, and analyses related to drugs, arson, explosives, inks, paints and polymer evidence. Prerequisite(s): FRSC 2503 and CHEM 3454. Concurrent enrollment in FRSC 5513L is required.

### FRSC 5513L - Forensic Chemistry Laboratory

This is the laboratory course that accompanies FRSC 5513. Prerequisite(s): FRSC 2503 and CHEM 3454. Concurrent enrollment in FRSC 5513 is required.

### FRSC 5533 - Forensic Microscopy & Laboratory

Forensic Microscopy will study the modern uses of the stereomicroscope, compound light microscope, polarized light microscope, fluorescence microscope, phase-contrast microscope and the SEM/TEM in a forensic context. Topics and analytical techniques covered include specimen preparation, staining and contrast methods, electron micrographs and other analytical approaches to forensic science. An introduction into field deployable microscopic techniques, physical match examinations, and lamp filament examinations will also be covered. Prerequisite(s): FRSC 2503 and (BIO 1114 or 1204 or 1214). Concurrent enrollment in FRSC 5533L is required.

### FRSC 5533L - Forensic Microscopy Laboratory

This is the laboratory course that accompanies FRSC 5533. Prerequisite(s): FRSC 2503 and (BIO 1114 or 1204 or 1214). Concurrent enrollment in FRSC 5533 is required.

### FRSC 5543 - Advanced Firearm and Toolmark

Advanced Firearm and Toolmark Techniques and Laboratory is an advanced course focused on chemical restorative techniques and advanced scientific applications and techniques routinely seen in Firearm and Toolmark examinations. Techniques covered include distance determination, caliber and weapon determination, serial number restoration, toolmark examination, cartridge case/projectile macroscopic analysis, and courtroom testimony. Emphasis is given to quality control and quality assurance as practiced in today's crime laboratories. Prerequisite(s): FRSC 5353. Concurrent enrollment in FRSC 5543L is required.

### FRSC 5543L - Adv Firearm and Toolmark Laboratory

FRSC 5543L is the laboratory course that accompanies FRSC 5543 Advanced Firearm and Toolmark Techniques and Laboratory. Prerequisite(s): FRSC 5353. Concurrent enrollment in FRSC 5543 is required.

## Graduate Course Descriptions

### FRSC 5553 - WMD Forensics

Weapons of Mass Destruction (WMD) Forensics will cover chemical, biological, radiological, nuclear, and explosive (CBRNE) agents associated with domestic and international terrorism events. Students will be introduced to crime scene processing involving CBRNE events and the corresponding laboratory and field analyses. Prerequisite(s): FRSC 2503 or equivalent.

### FRSC 5613 - Advanced Forensic DNA Analysis

Advanced Forensic DNA Analysis focuses on the specific principles and modern procedures used in the analysis of forensic DNA evidence. Other topics include current research and development for forensic DNA instrumentation and applications, statistical interpretation of results, and case report writing. Students will research and present on historical forensic cases and current discussion topics in the field of DNA analysis. Prerequisite(s): FRSC 5333.

### FRSC 5633 - Digital Forensics Tools and Analysis

Digital Forensics Tools and Analysis will expose students to advanced concepts in digital forensic analysis and provide an in-depth study of the current tools used in the examination of digital evidence. Topics include: advanced legal concepts, analyzing media with Forensic Toolkit, EnCase, and open source tools, Windows registry analysis, acquisition and analysis of volatile data, E-mail analysis, data hiding techniques, metadata, data carving and log analysis. Prerequisite(s): FRSC 5463.

### FRSC 5713 - Forensic Pharmacology

Forensic Pharmacology is an advanced course in modern toxicology related to therapeutic, illicit, and abused drugs. Topics covered include different types of cases encountered in forensic pharmacology; how the body reacts to and handles drugs and other exogenous substances when they are introduced into the body; understanding the effect of atypical enzyme isoforms on the course of drugs through the body and the implications for interpretation of analytical toxicology results; and the knowledge and understanding involved in formulating an opinion about drugs introduced into the body (doses, times, whether acute or chronic) and whether the drugs caused any effect (therapeutic, toxic, lethal) on the body. Prerequisite(s): FRSC 5323.

### FRSC 5863 - Expert Witness

Expert Witness provides an in-depth analysis of the inter-relationship of science and the law. Topics will include the federal rules of evidence, case law impacting the admission of forensic evidence, and the role and responsibilities of an expert witness in U.S. courts. Students will explore the ethical responsibilities of the forensic scientist as an expert witness and experience testifying as an expert witness in a mock trial setting. Prerequisite(s): FRSC 5892.

### FRSC 5873 - Research Methods in Forensic Science

Research Methods in Forensic Science is designed to acquaint students with quantitative and qualitative research methodologies, including an in-depth analysis of the following: conceptualization of research, types of sampling strategies, data collection methods, research design, and proposal writing. Prerequisite(s): permission of the instructor.

### FRSC 5881 - Management and Leadership

Management and Leadership in Forensic Science is designed to acquaint students with a variety of critically important concepts in forensic science to include legal issues for managers related to privacy, records, hiring, termination, and performance; leadership and management styles; chain of command structures; professional responsibility and internal inquiry matters; and understanding expectations of managers on new and seasoned employees. In addition, the students will be introduced to current topics in forensic science

management and leadership through a special seminar series. Prerequisite(s): FRSC 5873.

### FRSC 5892 - Professional Issues in Forensic Science

Professional Issues in Forensic Science is designed to acquaint students with a variety of critically important concepts in forensic science to include: law and science interface, current challenges in analysis and testimony, quality control and quality assurance implementation, case work management and crime lab management. In addition, the students will be introduced to current topics in forensic science through a special seminar series. Prerequisite(s): FRSC 5873.

### 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 5920 - 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.

### 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 5940 - Field Study

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### 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.

### FRSC 5970 - Study Tour

Credit will vary. 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 Engineering and Physics

### 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 5920 - 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.

### GENS 5930 - Individual Study

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

## Graduate Course Descriptions

### **GENS 5940 - Field Study**

Credit will vary from 1 to 9 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. 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 5103 - Historical Geography Of The U.S.**

Geographical environment as it has modified and influenced the historical growth of the United States.

#### **GEO 5113 - Geographic Information Systems**

Geographic Information Systems offers intensive instruction in the skills of geographic information system technology and the methods of collecting, storing, assessing, and manipulating geographic information from a multidisciplinary perspective.

#### **GEO 5503 - Geography Of South America**

An intensive study of the geography of South America.

#### **GEO 5703 - Geographical Information Systems 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 5920 - Workshop In Geography**

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.

#### **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 5940 - Field Study in Geography**

Credit will vary from 1 to 9 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.

#### **GEO 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **GEO 5990 - Thesis**

Credit will vary from 1 to 6 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 Culture & Civilization**

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 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 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 5950 - 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 5960 - Institute In German**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

#### **GERM 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

#### **GERM 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **GERONTOLOGY (GERO)**

### **Department of Sociology, Gerontology, & Substance Abuse Studies**

#### **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

## Graduate Course Descriptions

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 - Health & Social Services 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 5523 - Qualitative Gerontology**

This course is an indepth study of qualitative research in Gerontology. Topics covered include methodological techniques, application of findings, and ethical considerations.

### **GERO 5731 - Drug Issues for Older Adults**

This course will examine drug issues concerning older adults including prescription and over-the-counter drugs, problems encountered by the older adult taking multiple medications, substance abuse, 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 5823 - Gerontology Research**

Gerontology Research focuses on fundamental research concepts, methods, and application in the discipline of Gerontology. This course is designed to build research skills and enable the student to become an efficient and effective consumer of research.

### **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)**

### **Donna Nigh Department of Advanced Professional & Special Services**

#### **GUID 5013 - Principles Of 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/Techniques Group School School Counseling**

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 - Counseling 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/Techniques Individual/School Counseling**

This course is an introduction to individual counseling theory and school counseling techniques. Emphasis is placed on major counseling theories, their underlying philosophies, assumptions and techniques as well as their strengths and weaknesses with an application in the school setting.

#### **GUID 5172 - Capstone Experience School Counseling**

An integration of the components included in the knowledge base under-girding school guidance and counseling with emphasis on

## Graduate Course Descriptions

preparation for professional examinations for national and state certification and licensure. Prerequisite(s): GUID 5903.

### **GUID 5193 - Abnormal Psychology School Personnel**

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.

### **GUID 5443 - Career Guidance**

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. Prerequisite(s): GUID 5013 or concurrent enrollment.

### **GUID 5652 - Developing Guidance Elementary School**

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.

### **GUID 5900 - Practicum In Guidance**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **GUID 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **GUID 5920 - 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.

### **GUID 5930 - Individual Study In Guidance**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **GUID 5940 - Field Study In Guidance**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **GUID 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. During the internship the required Professional Portfolio will be completed and checked. CACREP guidelines require a 600 hour internship.

### **GUID 5960 - Institute In Guidance**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **GUID 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **GUID 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **HUMAN ENVIRONMENTAL SCIENCE (HES) Department of Human Environmental Science**

### **HES 5910 - Seminar / Special Topics**

Credit may vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HES 5940 - Field Study**

Credit will vary from 1 to 0 hours. Subject matter will vary within the department's field of study.

## **HISTORY (HIST) Department of History & Geography**

### **HIST 5000 - Workshop In History**

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.

### **HIST 5013 - Historiography**

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.

### **HIST 5103 - Europe, 1919 to 1945**

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.

### **HIST 5113 - American Diplomatic History—20th Century**

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.

### **HIST 5153 - History of Latin America**

This course examines selected problems in Latin American history from the fifteenth century to the present. Prerequisite(s): Graduate standing.

### **HIST 5203 - American Diplomatic History To 1900**

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.

### **HIST 5213 - Introduction To Historic Preservation**

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;

## Graduate Course Descriptions

historic research and restoration of historic structures.

### **HIST 5263 - The American Southwest**

A history of the Southwest with emphasis upon the economic, cultural, and political forces which have produced its regionalism; its homogeneous character, and its diversities. Particular 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.

### **HIST 5303 - Weimar And Nazi Germany**

An in-depth study of the rise of national socialism during the Weimar republic, the consolidation of power by Hitler, and Germany during WWII.

### **HIST 5313 - U.S. Military History To 1917**

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.

### **HIST 5323 - U.S. Military Hist Since 1900**

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.

### **HIST 5333 - Russian History To 1917**

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.

### **HIST 5343 - Russian History Since 1917**

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.

### **HIST 5353 - Women's History: International**

This course requires students to discuss, analyze and write about continuities and changes, from the nineteenth century onwards, in the "social organization of gender differences" particularly as this framework applies to women in five possible geo-political regions: Southwest Asia, Asia, South Asia, Africa, and Latin America.

### **HIST 5403 - Indians Of The Southwest**

A study of the social, cultural and intellectual history of the Indians of the American Southwest from prehistoric times to the present.

### **HIST 5413 - American Indian Women**

This course examines the varied historical experiences of American Indian women. It provides a chronological framework through which to examine more than four centuries of encounter, resistance, accommodation and change. Themes include: origins and cultural development; the impact of European contact; assimilation, acculturation, adaptation; U.S. federal Indian policies; boarding school experiences; American Indian arts and crafts; the Southwest tourism industry; Native women's resistance and activism. Prerequisite(s): HIST 1483 or 1493.

### **HIST 5423 - Women in the American West**

This course examines women in the American West from the early 1800s to the 1980s. Through the study of individual women's lives and texts as well as historians' interpretations of women's experi-

ences, this course traces regional identity, mobility and cultural representations in an effort to understand how women shaped the American West. Prerequisite(s): HIST 1483 or 1493.

### **HIST 5433 - American Colonial Period, 1492-1763**

From the discovery of America to the Treaty of Paris in 1763.

### **HIST 5443 - American Revolution & Early Nationalism, 1763-1815**

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.

### **HIST 5502 - Critical & Analytical Study Of History**

A study of the discipline of history; its evolution, interpretation, and major historians.

### **HIST 5513 - History Of Mexico**

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 revolutionary Mexico.

### **HIST 5523 - Museum Management**

This course provides a comprehensive introduction to museum organization, law, ethics; contemporary museum issues; collections management procedures and policies; collections preservation.

### **HIST 5543 - Black Experience In American West**

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.

### **HIST 5553 - Jacksonian America, 1815-1848**

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.

### **HIST 5563 - Civil War And Reconstruction**

The history of the United States from the beginning of the Civil War in 1860 to the end of Reconstruction in 1877.

### **HIST 5603 - Gilded Age/Progressive Era, 1876-1919**

A detailed study of American history from the Hayes-Tilden election to intervention into World War I.

### **HIST 5613 - Americans In World War II**

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.

### **HIST 5623 - Museum Theory And Practice**

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.

### **HIST 5633 - History Of U.S., 1919-1945**

This course is a detailed study of American history from World War I to end of World War II.

### **HIST 5643 - Anth: Societies/Global Perspective**

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.

### **HIST 5663 - French Revolution And Napoleon**

The origin of the French Revolution, the turbulent revolutionary years between 1789 and 1795, the rise of Napoleon, and Europe during the Napoleonic Era.



## Graduate Course Descriptions

### **HIST 5673 - The Old West**

The American frontier from the founding of the North American colonies to the Louisiana Purchase with emphasis on the social and political problems of the early westward movement.

### **HIST 5683 - Victorian Great Britain**

The scope of this course embraces the long and eventful reign of Queen Victoria (1837-1901) and includes but is not limited to such topics as institutions, politics, religion, the working-class movement, and the extensive expansion of the British Empire, and with bibliographical emphasis on the same.

### **HIST 5713 - Modern Middle East**

Peoples and geography; rise and features of Islam; classic Islamic civilizations; Arab and Turkish empires; Palestinian question; Nasserism, 20th century states.

### **HIST 5723 - The Trans-Mississippi West**

The American frontier from the Louisiana Purchase to the beginning of the twentieth century with emphasis on the economic, political and social adjustments and society in an arid region.

### **HIST 5743 - Modern China And Japan**

History of these major Asian powers since 1600 with emphasis on their cultures, the impact of the West, the industrialization of Japan and the revolutionary process in China.

### **HIST 5753 - African American Experience To 1900**

In this course students will study in some detail the African and Latin American/Caribbean roots of the African- American heritage, then proceed to analyzing the first 280 years of the African-American experience in English North America. Considerable time will then be devoted to examining the historical record of this experience through, slavery, emancipation/abolition and the early years of freedom to the nadir of the pre-Progressive Era struggles for equality. Prerequisite(s): Graduate level standing. Admission to a Graduate Program.

### **HIST 5763 - African American Experience since 1900**

In this course students will study in some detail the African American Experience from the nadir of the dreams of liberation as the Victorian Era came to an end and the so-called Progressive Era began down to current liberationist struggles and debates. Considerable time will then be devoted to examining the historical record of this experience through the lynching and Ku Klux Klan craze of the Jim Crow era, through the African American sacrifices made during World War I, the Great Depression, World War II, the Civil Rights and Black Power movements, into the continuing debates about the meaning of Black liberation and how to achieve it. Prerequisite(s): Graduate level standing. Admission to a Graduate Program.

### **HIST 5773 - Modern German History**

The unification struggle arising out of the French Revolution, the development of the German state and society, the Weimar Republic, and the Nazi dictatorship.

### **HIST 5823 - Sociological/Cultural History Of U.S. To 1865**

A study of the social, cultural and intellectual life of the United States from colonial times to the Civil War.

### **HIST 5833 - Sociological/Cultural History Of U.S. Since 1865**

A study of the social and cultural history of the United States from the Civil War to the present.

### **HIST 5843 - Major Interpretations Of American History**

A study of new and old interpretations of major events in American history from the colonial period to the present. specially designed for students working toward teacher education certification in American history.

### **HIST 5863 - History Of Modern Southeast Asia**

Traditional cultures and religions; impact of western colonialism; nationalist movements and formation of nations; development of representative governments; and contemporary roles in international relations.

### **HIST 5873 - History Of U.S., 1945 To Present**

This course is an advanced study of the political, economic, social and cultural evolution of the United States from the end of World War II to the present. Special emphasis is given to the expanded role of the United States in world affairs.

### **HIST 5883 - The Reformation, 1500-1648**

A detailed study of the religious upheaval of the sixteenth century, including its background and causes, an examination of the spread of Protestantism in northern Europe, the religious wars in France, the Catholic Reformation, and the Thirty Year War.

### **HIST 5893 - Europe, 1871-1919**

Grandeur and features of late nineteenth century Europe; development of capitalism and growth of the working-class movement; origins and course of World War I; the Versailles peace settlements.

### **HIST 5900 - Practicum In History**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HIST 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

### **HIST 5920 - Directed Reading In History**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HIST 5930 - Individual Study In History**

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.

### **HIST 5940 - Field Study In History**

Credit will vary from 1 to 6 hours. Introduces a new topic or course on a temporary basis. Subject matter will vary within the department's field of study.

### **HIST 5950 - Internship In History**

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.

### **HIST 5959 - Internship In Museum Studies**

Supervised practical experience gained in a professional field.

### **HIST 5960 - Institute In History**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **HIST 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **HIST 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **HEALTH (HLTH)**

### **Department of Kinesiology and Health Studies**

#### **HLTH 5203 - Organization & Administration Of Community Health**

A study of the organization and administration of community health programs with emphasis on organization and presentation of materials,

## Graduate Course Descriptions

concept formations, relationships to public education and educational law, implementation and coordination with other agencies.

### **HLTH 5213 - Org Behavior and Leadership**

This course is designed to generate competence for prospective directors, managers, and administrators in wellness settings. Technical and conceptual skills of organizational behavior and leadership will be discussed and applied to wellness program scenarios and settings in agencies, industries, and hospitals; the focus will be on improving the health and well-being of persons in these settings. Prerequisite(s): Graduate standing.

### **HLTH 5223 - Contemporary Issues In Health & Wellness**

This course involves investigation of selected contemporary controversial problems, or issues, related to the fields of Health and Kinesiology. Contemporary issues related to these fields are dynamic and change over time. Specific issues (i.e. bioterrorism) addressed in the course will largely be determined by the historical appropriateness and current attention placed on the topics. While attention is given to increasing awareness of contemporary issues, course emphasis will focus on rational development and evaluation of viewpoints on these issues.

### **HLTH 5313 - Wellness Intervention Strategies & Skills**

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.

### **HLTH 5333 - Health Equity and Determinants**

This course is designed to examine the impact of social, economic and environmental determinants of health on populations. Health inequities found among marginalized groups due to socioeconomic status, race/ethnicity, sexual orientation, gender, disability status, geographic location, or some combination of these factors will be highlighted. This course will explore health outcomes found among these populations and will address the health promotion policies required to attend to these issues. Prerequisite(s): Graduate standing.

### **HLTH 5422 - Grant Writing In Health And Wellness**

This course provides knowledge and application of the grant writing process with specific focus on the health and wellness fields. This will include the development of skills required for Request for Proposals, writing, budgeting and submission of grants. The course will provide examples of sources to obtain grants and the differences that exist among different granting agencies.

### **HLTH 5900 - Practicum In Health**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HLTH 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HLTH 5920 - Workshop in Health**

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.

### **HLTH 5930 - Individual Study In Health**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HLTH 5940 - Field Study In Health**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **HLTH 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.

### **HLTH 5960 - Institute In Health**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **HLTH 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **HLTH 5980 - Graduate Project**

Credit will vary from 1 to 3 hours. Subject matter will vary within the department's field of study.

### **HLTH 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## HUMANITIES (HUM)

### Department of Humanities & Philosophy

#### **HUM 5083 - Advanced Film Criticism**

This course covers the advanced theory and practice of scholarly film criticism, as distinct from film journalism.

#### **HUM 5113 - Ancient Traditions**

Ancient Traditions is an interdisciplinary humanities course that examines the accomplishments of remote antiquity. The art, literature, music, and philosophies of the ancient Greeks and Romans will be given equal emphasis to provide a comprehensive understanding of the foundations of Western Civilization.

#### **HUM 5133 - Medieval Traditions**

Medieval Traditions is an interdisciplinary humanities course that examines the accomplishments of the Medieval period. The art, literature, music, and philosophies of Medieval Europe will be given equal emphasis to provide a comprehensive understanding of the foundations of Western Civilization.

#### **HUM 5153 - Enlightenment Traditions**

Enlightenment Traditions is an interdisciplinary humanities course that examines the accomplishments of the Enlightenment. The art, literature, music, and philosophies of Enlightenment Europe (with focus on the 18th century) will be given equal emphasis to provide a comprehensive understanding of the Enlightenment period of Western Civilization.

#### **HUM 5203 - Early Modern Traditions**

Early Modern Traditions is an interdisciplinary humanities course that examines the accomplishments of the early modern West. The art, literature, music, and philosophies of Europe (and, to a lesser extent, Colonial America), with focus on the Renaissance, the Baroque and Rococo periods, and the Enlightenment, will be given equal emphasis to provide a comprehensive understanding of the foundations of Western Civilization.

#### **HUM 5213 - Modern & Contemporary Traditions**

Modern & Contemporary Traditions is an interdisciplinary humanities course that examines the accomplishments of the modern West. The art, literature, music, and philosophies of Modern Europe and the United States (with focus on the 19th, 20th, and early 21st centuries) will be given equal emphasis to provide a comprehensive understand-

## Graduate Course Descriptions

ing of the foundations of Western Civilization.

### **HUM 5521 - Methods for Liberal Studies**

Methods for Liberal Studies will review the fundamental research skills that are used in the Liberal Arts: critical thinking, clarity in writing, creative problem solving, engaged reading, and effective analytical and synthetic methodologies. Students will be challenged to think about the writing process itself, and the processes that are involved in effective written and oral communication of ideas.

### **HUM 5900 - Practicum**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HUM 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HUM 5920 - 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.

### **HUM 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **HUM 5940 - Field Study In Humanities**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **HUM 5950 - Internship In Humanities**

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.

### **HUM 5960 - Institute In Humanities**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **HUM 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **HUM 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **INSTRUCTIONAL MEDIA (IME)**

### **Donna Nigh Department of Advanced Professional & Special Services**

#### **IME 5013 - Young Adult Library Resources**

This course examines qualitative historical and contemporary resources for young adult library collections and presents school librarian and teach 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 In Classrooms/Media Centers**

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 - School Library Administration**

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.

#### **IME 5063 - School Library Foundations**

This is an overview course to introduce the history, nature, development, roles, and fundamental issues in the school library media center. Students are introduced to the mission of a school library and the elements of an ideal school library media program. Foundational production skills are established and program requirements are explained. National and state standards are highlighted, as are professional organizations and the major databases and professional journals utilized in school library research.

#### **IME 5133 - Production in School Libraries**

This course is designed to explore concepts of school library production procedures including software and equipment. It focuses on technology integration, preparation of instructional multimedia tools and marketing plans. This course replaces LME 5133 which replaced LME 5132.

#### **IME 5143 - Instructional Technology 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 - Collaborative Instructional Processes**

The main focus of this course is the unique role of facilitating instructional team partnerships and integrating information literacy and information access into the school's curriculum. Emphasis includes teaching information literacy skills and creation of lessons/units to integrate those skills across various curriculum areas of PreK-12 schools. Students will analyze and apply national and state Information Literacy standards and collaborate with classroom teachers to plan, produce, and co-teach an integrated teaching unit.

#### **IME 5233 - Children's Library Resources**

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 library collections and presents school librarian 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 Writing for School Libraries**

This course emphasizes writing that is required in the school library media center field. It focuses on the creation of reports by analyzing, evaluating, and synthesizing information. Students develop skills in writing, as applied to grant proposals, communication, formal and

## Graduate Course Descriptions

informal, and school library media center policies. Styles of writing audiences are examined.

### **IME 5313 - Collaborative Design/Multimedia Materials**

This course focuses on the design of educational multimedia multimedia 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.

### **IME 5323 - Issues in Distance Education**

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.

### **IME 5333 - Advanced Literature Resources**

This advanced literature course includes an intense study of how school librarians and teachers utilize stories including but not limited to adventure, historical fiction, mysteries, myths, science fiction, realistic fiction, allegories, parodies, utopias, dystopias, legends, fables, and folktales; drama; poetry and nonfiction. Graphic, digital, and print formats will be included. Areas of focus include reading promotion, strategies for content area reading, integration of technology and reading, multi-ethnic and diverse points- of-view and implementation of the Common Core Standards. Prerequisite(s): Graduate Standing.

### **IME 5413 - Managing Computer/Information Centers**

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.

### **IME 5423 - Library Information Retrieval Systems**

This course introduces students to the practice of locating, evaluating, and using information in school libraries. Special emphasis includes use of electronic resources, databases, indices, and online reference materials.

### **IME 5453 - Collection Management**

This course will prepare school librarians to provide their patrons with the most successful access to their school library collection, with emphasis on professional selection/reviewing tools. Experience will be gained in electronic database and index usage as well as electronic cataloging and classification systems. Students will develop skills to apply the principles of description (cataloging) and organization (classification) of print and multimedia resources and will become familiar with integrated library systems, and the consideration of various cataloging services and subscriptions relevant to the school library environment.

### **IME 5533 - School Library Advocacy**

Students will learn to position the school library program as an essential force in preparing 21st century learners. Key concepts will include using research and evidence-based practices to develop influence and build relationships within the school and community. Students will plan and write a multi-year school library advocacy plan designed to implement the library's mission while strengthening personal leadership skills and advancing professional growth. In addition, PR/advocacy materials and campaigns will be designed,

written, and implemented.

### **IME 5543 - Instructional Design & Development I**

This course is a study in cooperative designing of instruction. Areas covered include determining instructional objectives, planning motivational strategies, and designing multimedia learning activities.

### **IME 5613 - Instructional Design & Development II**

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 of 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.

### **IME 5713 - Evaluating Change In The Instructional Development Process**

This advanced laboratory in instructional system design is an in-depth 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.

### **IME 5863 - School Library Technology**

This course examines the effective implementation of technology to enhance digital literacy in the school library media center. The course includes strategies for locating, evaluating, selecting, and using appropriate information; assessing reliable access to current and emerging technologies; utilizing technology for organization and management; evaluating technology for global communication, networking, and sharing; and promoting digital citizenship and responsibility.

### **IME 5883 - Capstone in Library Media**

This course will provide culminating experiences in the Library Media Education graduate program. Candidates will complete all field-based experiences; evaluate and analyze all program knowledge and skills acquired; and provide a reflective review of all areas. In addition, students will be reviewed and prepared for certification testing and all graduate Portfolio projects will be completed, submitted, and evaluated. Prerequisite(s): This course is taken the final semester. Enrollment open to Library Media Education majors only.

### **IME 5900 - Practicum**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **IME 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

### **IME 5920 - 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.

### **IME 5930 - Individual Study**

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.

## Graduate Course Descriptions

### IME 5940 - Field Study

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### IME 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.

### IME 5960 - Institute

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### IME 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

### IME 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT (ISOM)

### Department of Information Systems and Operations Management

#### 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 Management & 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 5920 - 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.

#### ISOM 5930 - Individual Study

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### ISOM 5940 - Field Study

Credit will vary from 1 to 9 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. 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 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 from within the department's field of study.

## Graduate Course Descriptions

### JAPN 5920 - Workshop in Japanese

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.

### 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 5940 - Field Study In Japanese

Credit will vary from 1 to 9 hours. Subject matter will vary from 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. 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.

## KINESIOLOGY (KINS)

### Department of Kinesiology and Health Studies

#### KINS 5103 - Physiological Basis of Human Movement

Physiological Basis of Human Movement will provide a study of the physiological effects of physical exercise on the human body. Prerequisite(s): PHED 3503.

#### KINS 5113 - Legal/Ethical Principles Of Wellness Management

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 5223 - Technology & Media For Wellness Managers

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 5233 - Assessment Of Health & Exercise Sciences

Assessment of Health and Exercise Sciences is designed to provide instruction in three common statistical tasks: 1) collecting data, 2) summarizing and exploring data, and 3) drawing conclusions and making decisions based on data.

#### KINS 5303 - Exercise Testing & Prescription

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 KINS 5103.

#### KINS 5313 - Athletic Training Principles

This course provides advanced theories, techniques, and applications of skills relative to athletic injury administration, prevention and care. Major content areas are risk management and administration. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Prerequisite(s): Enrollment open to Athletic Training majors only.

#### KINS 5333 - Exercise Apps for Special Populations

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 KINS 5103.

#### KINS 5343 - Assessment Athletic Injuries

This course provides a comprehensive study of assessment and evaluation techniques for lower and upper extremities. Major content area is Diagnosis. Instruction will include applied anatomy, palpation methods, manual muscle testing, neurological assessment and stress / special tests. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Prerequisite(s): Enrollment is open to Athletic Training majors only. Concurrent enrollment in KINS 5413.

#### KINS 5393 - Research in Kinesiology and Health

This course is an overview of concepts and procedures necessary for designing, conducting, and analyzing research in Kinesiology and Health Studies from multiple research paradigms. The course will focus on the steps involved in the administration of a research project, including literature review, design, data collection, and analysis. Prerequisite(s): Graduate standing and KINS 5233.

#### KINS 5403 - Biomechanical Basis of Human Movement

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 5413 - Athletic Training Clinical I

This clinical course will provide both lab instruction and the clinical field experience related to prevention, assessment and care related to lower extremity sports. Major content areas include risk management and acute care. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Travel is required and is the responsibility of the student. Prerequisite(s): Enrollment open to Athletic Training majors only. Concurrent enrollment in KINS 5343.

#### KINS 5423 - Strength Development & Training 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): PHED 3503 and graduate standing.

#### KINS 5433 - Therapeutic Modalities

This course provides a comprehensive study of therapeutic treatment techniques. Major content area is Therapeutic Modalities. Instruction will include the application and theory for superficial and deep heat modalities, electrical therapies and manual techniques. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Travel is required and is the responsibility of the student. Prerequisite(s): Enrollment open to Athletic Training majors only. Concurrent enrollment in KINS 5443.

#### KINS 5443 - Athletic Training Clinical II

This clinical course will provide both lab instruction and clinical field experience related to prevention, assessment and care related to upper extremity sports. Major content areas include diagnosis and medical conditions. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete



## Graduate Course Descriptions

this course. Travel is required and is the responsibility of the student. Prerequisite(s): Enrollment is open to Athletic Training majors only. Concurrent enrollment in KINS 5513.

### **KINS 5513 - Medical Aspects Of Athletic Training**

This course provides a comprehensive study of assessment and evaluation techniques for the head, neck, axial spine, thorax and abdomen related to both medical conditions and injury. Major content areas are pathology, diagnosis and medical condition. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Travel is required and is the responsibility of the student. Prerequisite(s): Enrollment is open to Athletic Training majors only. Concurrent enrollment in KINS 5443.

### **KINS 5523 - Rehabilitation Techniques For Athletic Injury**

This course will provide a comprehensive look at conditioning exercise, post-injury and post-operative rehabilitation techniques. Major content areas are conditioning and rehabilitation exercises. Instruction will include applied anatomy, conditioning assessment, exercise equipment and rehabilitation protocols for the major body regions. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Travel is required and is the responsibility of the student. Prerequisite(s): KINS 5313. Enrollment is open to Athletic Training majors only. Concurrent enrollment in KINS 5613.

### **KINS 5613 - Clinical Education For Rehabilitation Techniques**

This clinical course will provide both lab instruction and clinical field experience related to treatment and rehabilitation of athletic injuries. Major content areas are conditioning, therapeutic modalities, rehabilitation, psychosocial and nutrition. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Travel is required and is the responsibility of the student. Prerequisite(s): Enrollment open to Athletic Training majors only. Concurrent enrollment in KINS 5523.

### **KINS 5623 - Pathophysiology For Athletic Trainers**

This course is a study of acute and chronic illnesses and musculoskeletal disorders including the pharmacologic response during physical activity. Prerequisite(s): Enrollment is open to Athletic Training majors only.

### **KINS 5713 - Athletic Training Administration**

This course will examine the organization and administration of an athletic training program. Major content areas are health care administration and professional development and responsibilities. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete the course. Prerequisite(s): Enrollment open to Athletic Training majors only. Concurrent enrollment in KINS 5723.

### **KINS 5723 - Psychosocial Aspects Of Athletic Training**

This lecture course will focus on sociological and psychological aspects related to being a health care provider. Major content areas are pharmacology, psychosocial and nutrition. Instruction will include common athletic medication usage, drug testing, nutrition and psychosocial differences based on cultural, ethnic, and gender of the physically active. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Prerequisite(s): Enrollment open to Athletic Training majors only. Concurrent enrollment in KINS 5713.

### **KINS 5733 - Athletic Training Clinical III**

The course will provide both lab instruction and clinical field experience related to equipment intensive sports. Major content areas are risk management, diagnosis, and acute care. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of

competency to complete this course. Travel is required and is the responsibility of the student. Prerequisite(s): KINS 5343. Enrollment open to athletic training majors only. Concurrent enrollment in KINS 5523 and 5613 is required.

### **KINS 5743 - Athletic Training Clinical IV**

This clinical course will provide both lab instruction and clinical field experience related to general medicine and skill integration. Major content areas are conditioning, diagnosis, medical conditions, therapeutic modalities, rehabilitation, pharmacology, nutrition and professional development. Clinical skills will be taught and evaluated requiring the student to demonstrate a level of competency to complete this course. Travel is required and is the responsibility of the student. Prerequisite(s): KINS 5733. Enrollment open to athletic training majors only.

### **KINS 5900 - Practicum**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **KINS 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 the graduate advisor.

### **KINS 5920 - 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.

### **KINS 5930 - Individual 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.

### **KINS 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **KINS 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.

### **KINS 5960 - Institute**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **KINS 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **KINS 5980 - Graduate Project**

This course requires students to demonstrate their cumulative knowledge in exercise science to complete and present a capstone project. Subject matter will vary within the department's field of study.

### **KINS 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **LATIN (LATN)**

### **Department of Modern Languages, Literature & Cultural Studies**

## Graduate Course Descriptions

### LATN 5900 - Practicum In Latin

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### LATN 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### LATN 5920 - Workshop in Latin

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.

### LATN 5930 - Individual Study In Latin

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### LATN 5940 - Field Study In Latin

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### LATN 5950 - Internship In Latin

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.

### LATN 5960 - Institute In Latin

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### LATN 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

### LATN 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## LEGAL STUDIES (LS) Department of Finance

### LS 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

### LS 5930 - Individual 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.

### LS 5940 - Field Study

Credit will vary from 1 to 9 hours. Subject matter will vary within the Department's field of study.

### LS 5950 - Internship In Legal Studies

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.

### LS 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## MATHEMATICS (MATH) Department of Mathematics and Statistics

### MATH 5103 - The Real Number System

Properties of the real number system will be developed in this course. Recommended for all graduate students in mathematics.

### MATH 5113 - Operations Research I

Topics for this course include linear programming formulation, the simplex method, duality, and Linear sensitivity analysis. Applications will include the transportation model and its variants, integer linear programming, goal programming, network models, CPM and PERT. Prerequisite(s): MATH 3143.

### MATH 5123 - Operations Research II

Topics in this course include deterministic dynamic programming, deterministic inventory modes, forecasting models, decision analysis and games, probabilistic dynamic programming, probabilistic inventory models, queuing systems and simulation modeling. Prerequisite(s): MATH 4113 or 5113.

### MATH 5134 - Calculus For Secondary Teachers

This course is a survey of calculus in view of modern concepts and is intended for students preparing to teach advanced secondary mathematics.

### MATH 5143 - Advanced Calculus For Applications 1

This is the first course in a two-course sequence of differential and integral calculus. Its topics include sequences and limits of sequences, limits of single variable functions, and differentiation and integration of single variable functions. Students will be required to apply the ideas learned to individual investigations. Prerequisite(s): Math 3103.

### MATH 5153 - Advanced Calculus For Applications 2

This is the second course in a two-course sequence of differential and integral calculus. Its topics include infinite series of numbers, sequences and series of functions, Fourier series, vector calculus, and limits, differentiation, and multiple integration of functions of several variables. Prerequisite(s): MATH 5143.

### MATH 5164 - Calculus For Secondary Teachers

This course is a continuation of MATH 5134. Prerequisite(s): MATH 5134.

### MATH 5203 - Foundations Of Mathematics

This course is a study of the fundamental concepts of mathematics. Topics include axiomatic methods in algebra and geometry, the theory of sets and other cultural aspects of mathematics.

### MATH 5243 - Vector Analysis

Topics in this course include vector algebra, vector functions of one variable, differential invariants, integral theorems, and vector spaces. Prerequisite(s): MATH 2343.

### MATH 5263 - Numerical Methods

This course is an extension of the Numerical Analysis, MATH 3263, but with emphasis on numerical methods instead of theory. Topics include the analysis of special matrices and the numerical solution of ordinary and partial differential equations with additional material from advanced numerical linear algebra as needed. Prerequisite(s): MATH 3263.

### MATH 5323 - Non-Linear Programming

Topics in this course include the N.L.P. problem, Kuhn-Tucker conditions, quadratic, separable, and integer programming, and the method of Griffith and Stewart. Prerequisite(s): MATH 4113 or 5113.

### MATH 5403 - Introduction To Actuarial Science

Topics in this course include single-life mortality functions, annuities, life insurance, premiums, and reserve multiple-life functions. Prerequisite(s): STAT 4113 or 5113 or 4353 or 5353.

### MATH 5413 - Differential Equations

Topics in this course include partial differential equations, elliptic, hyperbolic, and parabolic equations, separation of variables, special functions, eigen function expressions, and the existence and unique-

## Graduate Course Descriptions

ness of solutions. Prerequisite(s): MATH 5363.

### **MATH 5433 - Theory Of Functions**

This course is an introduction to the theory of functions of real and complex variables.

### **MATH 5443 - Introduction To Complex Variables**

This course is an introduction to the theory of functions of a complex variable. Topics include analytic functions, complex integrals, Taylor and Laurent series, and conformal mappings. Prerequisite(s): MATH 2343.

### **MATH 5453 - Mathematical Modeling**

This course is a case study approach to mathematical modeling. Problems from a variety of problem areas and demonstrating various mathematical methodology will be discussed. Prerequisite(s): Permission of the instructor.

### **MATH 5503 - Symbolic Logic**

Topics in this course include 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 will be examined in this course. Other topics include sets, partially ordered sets, functions, and boolean algebras. Prerequisite(s): MATH 4583.

### **MATH 5563 - Introduction To Graph Theory**

Topics in this course include the structure of graphs, trees, connectivity, planarity, colorability of graphs, digraphs, matrices associated with a graph, and the automorphism group of a graph. Graph theoretic modeling and applications to engineering, computer science, and data structures will be emphasized. Prerequisite(s): MATH 3183 or 3143.

### **MATH 5843 - Methods Of Teaching Mathematics And Computer Science**

This course examines 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 - Introduction 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 5920 - 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.

### **MATH 5930 - Individual 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 5940 - Field Study In Mathematics**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **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 8 hours. Subject matter will vary within the department's field of study.

### **MATH 5970 - Study Tour**

Credit will vary. 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.

## **MASS COMMUNICATION (MCOM) Department of Mass Communication**

### **MCOM 5000 - Workshop in Mass 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.

### **MCOM 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. Prerequisite(s): MCOM 1123.

### **MCOM 5623 - Gays & Lesbians in Film/Media**

This course examines representations of gays and lesbians from the development of an alternative gay and lesbian cinema movement to the mainstreaming of gay and lesbian people in television and in film.

### **MCOM 5633 - Race, Violence, Youth, & Media**

Race, Violence, Youth and the Media will critically examine various mass media representations and coding of contemporary youth subcultural formations in the U.S.A.

### **MCOM 5900 - Practicum In Mass Communication**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **MCOM 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **MCOM 5930 - Independent Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **MCOM 5950 - Internship In Mass Communication**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

## Graduate Course Descriptions

### **MCOM 5960 - Institute in Mass Communication**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **MCOM 5970 - Study Tour In Mass Communication**

Credit will vary. Subject matter will vary within the department's field of study.

### **MCOM 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **MANAGEMENT (MGMT) Department of Management**

### **MGMT 5023 - Business Policy**

Business policy is a course designed to assess the student's cognitive skills in solving business problems. e/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, library assignments, and research work. Prerequisite(s): Completed all prerequisites for the MBA Program.

### **MGMT 5543 - Integrated Functions 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 - Corporate Social Responsibility & Business**

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 5920 - 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.

### **MGMT 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **MGMT 5940 - Field Study In Management**

Credit will vary from 1 to 9 hours. Subject matter will vary within the Departments 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. 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) School of Music**

### **MPER 5010 - Applied Music**

This course is study at a professional level in the student's major applied area. As professional level study, it assumes a mastery of undergraduate technical skills, a thorough knowledge of the major solo and collaborative literature in the specific field, and the ability to execute independent analysis in the area of interpretation and pedagogical method toward the creation of effective performances and teaching strategies. Additional requirements such as studio or repertoire class, etc. may be required at the discretion of the individual instructor. Credit will vary from 1-3 hours.

### **MPER 5021 - Secondary Applied Music**

This course provides applied study for graduate students who wish to develop advanced skill levels in an area other than their own major applied in order to enhance their professional qualifications in such fields as pedagogy for music educators and/or instrumental doubling typical of the requirements of professional pit orchestra musicians. Secondary Applied Music is available for only 1 credit hour in any specific applied, though multiple secondary applied areas may be taken simultaneously.

### **MPER 5041 - Applied Jazz Improvisation**

This course is a study of jazz improvisation at a professional level including a thorough knowledge and mastery of undergraduate technical skills of major, minor, diminished, and melodic/harmonic minor diatonic harmony, scale modes, technique, physiological concerns, song form, blues and musical interpretation of jazz styles. Instructional materials will include jazz compositions which involve materials such as major, minor, harmonic and melodic minor melodic content, complex rhythmic applications and time signatures. The exact course content will vary according to the specific applied area and the instructor's assessment of the student's developmental stage and needs. Additional requirements such as jazz ensemble or jazz combo class may be required at the discretion of the individual instructor.

## Graduate Course Descriptions

### **MPER 5052 - Applied Historical Instruments**

This course is the applied study of a specific historical instrument and the technique and performance practice appropriate to that instrument, its period and literature. This study requires an advanced level of both general musical knowledge and specific skill in performance on the student's major applied instrument. Prerequisite(s): Permission of the instructor.

### **MPER 5111 - Concert Chorale**

Concert choir provides an opportunity for musically talented UCO students to develop their vocal talents rehearsing and performing a wide variety of choral music. The group will perform a minimum of two on-campus performances during the semester. Prerequisite(s): Permission of instructor.

### **MPER 5141 - Cantilena**

Cantilena is a vocal ensemble for the Soprano/Alto singer. It is open to all students, regardless of major, by audition and permission of instructor. Prerequisite(s): Permission of instructor.

### **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 5181 - Chamber Choir**

The Chamber Choir performs advanced choral literature which is intended for smaller ensembles. Prerequisite(s): Permission of instructor required.

### **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 5291 - Wind Symphony**

The wind symphony is the premier performing ensemble in the Winds & Percussion Division of the UCO School of Music. The ensemble prepares and performs music for concerts on and off campus, tour, and other activities throughout the fall and spring semesters.

### **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 5421 - Advanced Chamber Music**

This course provides students with a coached experience in advanced musicianship skills relating to playing in small chamber ensembles. The course emphasizes full participation in a chamber ensemble that reflects actual professional experience. Students will develop the skills necessary to interpret and perform music at a professional level. This course may be taken four (4) times for credit.

### **MPER 5511 - Advanced Orchestral Wind Study**

This course provides students with a coached experience in orchestral wind performance, emphasizing analytical and interpretative skills. The course emphasizes full participation in a symphonic orchestra that reflects actual professional experience. Students will execute at an advanced level the skills necessary to interpret and perform orchestral literature at a professional level as well as to function in leadership positions within the ensemble. This course may be taken eight (8) times for credit.

### **MPER 5611 - Jazz Ensemble**

UCO Jazz Ensembles provide graduate students with in-depth technical guidance in ensemble and solo performance while also developing advanced proficiency in a wide range of styles necessary to perform jazz and commercial music on a professional level. This course may be taken four (4) times for credit. Prerequisite(s): High level of performance proficiency as determined by the director.

### **MPER 5621 - Graduate Jazz Combo**

Graduate Jazz Combo is a highly specialized small ensemble experience for advanced jazz studies students who consistently demonstrate professional performance skills. Auditions will take place at the beginning of each semester at the UCO Jazz Lab. This course may be taken four (4) times for credit. Prerequisite(s): High level of performance expertise is required as determined by director.

### **MPER 5822 - Graduate Recital**

This course is a public performance for the graduate performance major. Prerequisite(s): Two semesters of graduate instruction in the applied area and written permission of major applied instructor and graduate advisor.

### **MPER 5891 - Piano Pedagogy Internship**

This course is an internship portion of Piano Pedagogy. Students are required to enroll in this course concurrently with MUS 5883 Piano Pedagogy. It provides observation and supervision intern teaching in piano as well as discussion with the supervising teacher. Each intern teacher will teach applied and class piano as a part of the course requirements. Prerequisite(s): Four (4) semester hours of applied piano MPER 3020 or 4000.

### **MPER 5900 - Practicum in Music Performance**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Permission of department chairperson required.

### **MPER 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **MPER 5920 - Workshop in Music Perform**

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.

### **MPER 5930 - Individual Study In Music Performance**

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 5940 - Field Study in Music Performan**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **MPER 5950 - 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.

## Graduate Course Descriptions

### **MPER 5960 - Institute in Music Performance**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **MPER 5970 - Study Tour In Music Performance**

Credit will vary. Subject matter will vary within the department's field of study.

### **MPER 5980 - Graduate Project**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

### **MPER 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **MARKETING (MRKT) Department of Marketing**

### **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 problem 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 5920 - 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.

### **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 5940 - Field Study In Marketing**

Credit will vary from 1 to 9 hours. Subject matter will vary within the Departments 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 8 hours. Subject matter will vary within the department's field of study.

### **MRKT 5970 - Study Tour**

Credit will vary. Subject matter will vary within the departments'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) School of Music**

### **MUED 5123 - Foundations of Music Education**

This is a presentation of the major disciplines specific to music education including history, philosophy, psychology, pedagogy and sociology of music education. The course intends to inform the practice of music education through a study and integration of those disciplines that provide a multi-dimensional view of the field.

### **MUED 5213 - History of Music Education**

This course surveys the history of music education from antiquity to the present, placing special emphasis on current music education in the United States. The survey views music education within the larger context of education history, method and philosophy and gives special attention to recent relevant developments in cognitive theory.

### **MUED 5223 - Philosophy of Music Education**

This course presents a survey of philosophical systems, subjects, and issues relating to music education in a survey of philosophies from ancient times to the present. The course concentrates on modern philosophies of music education, their distinctive differences, and the impact that these philosophies have on current music education and advocacy.

### **MUED 5333 - Current Trends in Practice**

This course acquaints students with recent developments and innovations in the philosophy, psychology, pedagogy and advocacy of music with the specific purpose of evaluating their effectiveness and applicability for today's music classroom.

### **MUED 5413 - 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.

### **MUED 5433 - Secondary Vocal Methods**

This course covers advanced material relating to instructional, organizational and philosophical issues relevant to the conduct of vocal music programs at the secondary level. It concentrates on the methods and materials for conducting a high school choir.

### **MUED 5513 - Music Advocacy for Schools**

This course investigates the major issues relating to advocating music education in the public school system, considers the variety of stakeholders, and surveys the relevant research and scholarly work relating to the subject. Students will formulate for a specific situation an advocacy plan that addresses all relevant concerns and issues.



## Graduate Course Descriptions

### **MUED 5723 - Arranging for Marching Band**

This course develops the advanced skills necessary for creating successful marching routines consistent with current practice and aesthetics. Students will gain a command of the techniques of selection and arranging of music and coordination with effective marching drills and maneuvers toward the design and creation of multimedia performances typical of current practice.

### **MUED 5743 - Music Administration**

This course provides students with the skills necessary to manage a department-level music program including budget formulation, tactical and strategic planning, personnel management and curriculum evaluation.

### **MUED 5833 - Instructional Methods & Materials**

This course is designed to help the graduate student identify new approaches or refine current approaches to instructional, organizational, or philosophical issues that affect instrumental music education programs.

### **MUED 5843 - Instrumental Methods**

This course covers teaching instrumental music from beginning instruction through high school with particular attention to the integration of methodological techniques with the philosophy, psychology, and pedagogy of music.

### **MUED 5853 - Elementary Music Methods**

This course studies the methods of teaching general and vocal music classes in the early grades emphasizing a deeper study of the interrelationships of educational philosophy, methodology, teaching technique and how they apply in a variety of teaching situations.

### **MUED 5900 - Practicum in Music Education**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Permission of department chairperson required.

### **MUED 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **MUED 5920 - Workshop in Music Educ**

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.

### **MUED 5930 - Individual Study In Music Education**

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.

### **MUED 5940 - Field Study in Music Educ**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **MUED 5950 - Internship in Music 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.

### **MUED 5960 - Institute in Music Education**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **MUED 5970 - Study Tour in Music Education**

Credit will vary. Subject matter will vary within the department's field of study

### **MUED 5980 - Graduate Project**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

### **MUED 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **MUSIC (MUS) School of Music**

### **MUS 5022 - Music For Small Vocal Ensemble**

Repertoire and performance practices of music for small vocal ensemble ranging from 16th century madrigal to contemporary literature.

### **MUS 5043 - Music in America**

The course possesses a socio-historical orientation and covers a broad spectrum of the musical life of the United States since its colonization. The content includes sacred and secular, popular and classical, as well as some of the folk traditions that have made important contributions to American musical life.

### **MUS 5062 - Applied Composition**

This course is the advanced study of the art of music composition by an individual student under the direct supervision of the instructor. This approach allows for the instructor to provide intensive feedback to individual needs as the student advances through more complex musical structures and ideas to achieve a professional level of skill in composition.

### **MUS 5113 - Advanced Choral Conducting**

This course develops advanced techniques of choral conducting especially as they relate to the performance practice of distinct stylistic and historical periods.

### **MUS 5133 - Baroque Music**

This course presents an intensive exploration of baroque music (1600-1750) with special emphasis on its historical and social context and their influence on the music of the time. Students will participate actively through research and presentation of special topics areas, developing expertise in the historical and theoretical analysis of the repertoire and its primary sources. Prerequisite(s): Enrollment open to graduate music majors only.

### **MUS 5143 - Wind Instrument Ensemble Literature**

This course surveys the history of wind instruments and the literature for ensembles of winds from the Middle Ages to the present.

### **MUS 5163 - Classical Era Music**

This course presents an intensive exploration of the music of the high classical era with special emphasis on its historical and social context and their influence on the music of the time. Students will participate actively through research and presentation of special topic areas, developing expertise in the historical and theoretical analysis of the repertoire and its primary sources. Prerequisite(s): Enrollment open to graduate music majors only.

### **MUS 5173 - Advanced Instrumental Conducting**

This course develops advanced techniques of instrumental conducting especially as they relate to the performance practice of distinct stylistic and historical periods.

### **MUS 5202 - Advanced Voice Pedagogy**

A survey of methods of teaching singing with emphasis on vocal problems as illustrated through demonstration lessons with advanced students.

### **MUS 5213 - Music Theatre Directing I**

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.

## Graduate Course Descriptions

### **MUS 5223 - Music Theatre Directing II**

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.

### **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 5312 - Introduction to Music Research**

This course introduces students to resources and research methods, appropriate to a variety of information needs met in a professional career in music. Students also gain experience in presenting the results of research in both oral and written form, as appropriate to different audiences and purposes.

### **MUS 5323 - Piano Literature I**

This course is a study of piano literature from the Baroque, Classical, and the early Romantic periods. It involves performance practices of these styles and periods through performing, listening, and analysis of the literature. Prerequisite(s): Four (4) semester hours of applied piano (MPER 3020, 4000).

### **MUS 5333 - Piano Literature II**

This course is a study of the piano literature and performance practice from the Romantic period to the present day. It involves performance practices of these styles and periods through performing, listening, and analysis of the literature. Prerequisite(s): Four (4) semester hours of applied piano (MPER 3020, 4000)

### **MUS 5341 - Writing About Music**

This course is designed to refine students' writing skills for a variety of professional purposes and potential readers related specifically to music. Most class time is spent in individual recitations. It also effectively supplements Introduction to Music Research for those students who need assistance in mastering formal, scholarly style in writing.

### **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 5372 - Computer Music Technology**

Computer Music Technology presents an in-depth study of Digital Performer, an industry standard audio production software application. Other topics include the Macintosh Operating System, Finale Notation Software, Audio-Interface Concepts, MIDI Sequencing, Virtual Signal Routing, Software Plug-Ins, Microphone Selection, and Mixing Concepts.

### **MUS 5383 - Advanced Recording Technology**

Advanced Recording Technology is an in-depth study of the complete schematics of the UCO Jazz Lab Recording Studio. Topics will include Microphone Selection and Placement, Signal Routing and Cabling, Analog and Digital Mixer Applications, Audio Interface Applications, Analog and Digital Recording Techniques, Digital Performer Plug-Ins, Audio Latency Management, Mixing Techniques, and Mastering Techniques. Prerequisite(s): MUS 5373.

### **MUS 5392 - Advanced Arranging**

This course develops advanced techniques of arranging music especially as they apply to specific musical ensembles, styles and professional applications. Students will examine stylistic and genre-specific compositional approaches and learn various notation traditions including lead-sheet notation, rhythm charts, and standard notation. Students will produce professional scores and parts for each project and organize a public performance of the final project. All projects will be completed using computer notation software.

### **MUS 5422 - Contemporary Analytical Survey**

This course explores a broad range of analytical techniques and issues relevant to twentieth-century music. While focusing on historical and social context, this course combines a survey of twentieth-century compositional styles with advanced musicianship exercises focusing on the post-tonal repertoire. Analysis and model composition assignments will address aspects of pitch-class set and serial theory, as well as other techniques developed by contemporary composers.

### **MUS 5443 - Arts Management**

Arts Management will cover the following important career topics: resumes, media kits, web page development, branding, taxes and record keeping, legalities — including contracts and copyright issues, networking, personal presentation (i.e. interviews and auditions), researching and recognizing career enhancing opportunities, and developing a career strategy. Graduate students will be required to complete additional research and present a minimum of three classroom presentations on assigned topics.

### **MUS 5453 - Music Theory Pedagogy**

This course covers the essentials of diatonic and chromatic harmony and voice-leading, through part-writing, analysis, and aural training. Students will obtain a deeper understanding of this subject material and the methodology of teaching it through practical experience in teaching and conducting elements of the course.

### **MUS 5463 - Studies in Music Theory**

This title embraces a continually changing variety of specific courses in the broad field of music theory, each designed around the particular expertise or research interest of the individual instructor. The subject areas include but are not limited to specific analytical techniques, the analysis of specific repertoires, issues in the history of theory, and contemporary issues in theoretical analysis. In each case an emphasis is placed on the state of current research in the field and the involvement of students in independent research.

### **MUS 5473 - Advanced Counterpoint**

This course in contrapuntal composition focuses on techniques of modal counterpoint and how those techniques are further used in contemporary music. Students will examine the relationship between Pre-tonal voice-leading and modern compositional practices, the historical compositional similarities, and the evolution of voice-leading procedures through survey and analysis. Students will compose short musical compositions utilizing specific techniques learned throughout the course.

### **MUS 5503 - Advanced Conducting-Score Read**

This course presents a thorough study of choral, band, and orchestral scores and their interpretation, with particular emphasis on developing more advanced techniques and experiences in conducting.

### **MUS 5512 - Brass Pedagogy**

This course will address methodological approaches to technical and musical aspects of brass teaching in the context of exercises, studies, and repertoire. Prerequisite(s): Concurrent enrollment in Applied Brass and 6 hours of Applied Brass at the graduate or undergraduate level.

## Graduate Course Descriptions

### **MUS 5522 - Woodwind Pedagogy**

This course will address methodological approaches to technical and musical aspects of woodwind teaching in the context of exercises, studies, and repertoire. Prerequisite(s): Concurrent enrollment in Applied Woodwinds and 6 hours of Applied Woodwinds at the graduate or undergraduate level.

### **MUS 5532 - String Pedagogy**

This course will address methodological approaches to technical and musical aspects of string teaching in the context of exercises, studies, and repertoire. Prerequisite(s): Concurrent enrollment in Applied String and 6 hours of Applied String at the graduate or undergraduate level.

### **MUS 5542 - Percussion Pedagogy**

This course will address methodological approaches to technical and musical aspects of percussion teaching in the context of exercises, studies, and repertoire. Prerequisite(s): Concurrent enrollment in Applied Percussion and 6 hours of Applied Percussion at the graduate or undergraduate level.

### **MUS 5613 - Jazz Pedagogy**

This course will teach techniques of instruction in the areas of jazz improvisation and jazz ensemble performance appropriate for teaching at the high school and university levels. Independent research and laboratory rehearsal experiences will be required.

### **MUS 5633 - Jazz History**

This course will examine the historical development of jazz music as well as the important elements which comprise the individual styles of jazz. The class will focus on important musicians and literature of each era. Attention will also be brought to social aspects of American history as it directly relates to the development of jazz music. Graduate students will complete additional research projects and give a minimum of three class presentations on assigned topics.

### **MUS 5653 - Jazz & Commercial Music Arranging**

Jazz & Commercial Music Arranging instructs the student in the art of wind, string, vocal, and rhythm section arranging as relates to jazz and commercial music styles. Students will be expected to arrange for jazz ensemble, studio rhythm section, various combinations of horns/strings, and vocals.

### **MUS 5662 - CD Album Pre-Production**

This course is intended to give students laboratory studio time with instructor supervision to complete pre-production of the graduate CD album. This includes composition, arranging and orchestration, and scratch reference tracks. Prerequisite(s): MUS 5372, 5383, and 5653 or concurrent enrollment).

### **MUS 5674 - CD Album Production**

CD Album Production is to be taken during the final spring semester of the Master of Music in Jazz Studies Commercial Music Production Degree. During this semester project, the student will complete all recording, editing, mixing, and mastering of the final CD Album project. Prerequisite(s): MUS 5372, 5383, and 5662.

### **MUS 5713 - Analytical Techniques**

This course introduces students to the advanced application of techniques of harmonic and formal analysis as applied to the repertoires of western music from the eighteenth through the early twentieth century.

### **MUS 5723 - History of Performance**

This course surveys the development of western music from medieval to modern times from the perspective of music performance and its literature. Students will study such aspects of historical performance as rhythm, tempo, ornamentation, and improvisation as well as learn how to distinguish practices appropriate to specific historical

periods. Students will also receive an introduction into the primary and secondary literature in the field and how to evaluate both it and issues of philosophy, aesthetics and authenticity.

### **MUS 5733 - History of Theory**

This course traces the impact of music theory on the development of western music from ancient to modern times. The interaction between academic and practical traditions, as revealed in the separate literatures of academic speculative theory and practical theory of composition and performance practice, will be covered. Prerequisite(s): MUS 2623, 2663 and 3273 with a minimum grade of "C".

### **MUS 5743 - Music History Pedagogy**

This course is an advanced diachronic survey of music history, ancient through contemporary, emphasizing the historical development of musical styles with reference to selected works from the literature. Students will participate actively in the conduct of the class, gaining knowledge of the pedagogy of music history and practical experience in teaching.

### **MUS 5753 - Studies in Music History**

This title embraces a continually changing variety of specific courses in the broad field of music history, each designed around the particular expertise or research interest of the individual instructor. The subject areas include but are not limited to genre studies, individual composers, limited period studies and contemporary issues. In each case an emphasis is placed on the state of current research in the field and the involvement of students in independent research.

### **MUS 5773 - History of Instruments**

This course covers the history of keyboard, woodwind, brass, string and percussion instruments in their general and technical development, considering them in the context of historical performance. It also makes references to how development was affected by such issues as significant innovations in orchestration and tuning and temperament systems.

### **MUS 5812 - Choral Directors Institute**

The choral directors institute is a three-day lecture series for choral directors. Nationally recognized clinicians will offer sessions on all areas of choral music.

### **MUS 5883 - Piano Pedagogy**

This course is a study of the materials and techniques of teaching piano, from the elementary to advanced level, in private and group instruction. Piano pedagogy related topics and research of current trends in piano teaching are included. Prerequisite(s): Four (4) semester hours of applied piano (MPER 3020, 4000). Concurrent enrollment in MPER 5891 is required.

### **MUS 5900 - Practicum In Music**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Permission of department chair required.

### **MUS 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 the Department head and the director of graduate studies.

### **MUS 5920 - Workshop in Music**

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.

### **MUS 5930 - Individual Study In Music**

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.

## Graduate Course Descriptions

### **MUS 5940 - Field Study In Music**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **MUS 5950 - Internship In Music**

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.

### **MUS 5960 - Institute In Music**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **MUS 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **MUS 5980 - Graduate Project**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

### **MUS 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **NUTRITION (NTRN)**

### **Department of Human Environmental Science**

#### **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**

This course includes a thorough study of the newer trends and recent research in nutrition. Prerequisite(s): Permission of instructor.

#### **NTRN 5184 - 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 3403, CHEM 4103 or concurrent enrollment, and BIO 2604.

#### **NTRN 5193 - Food Science**

This course includes 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 - Management Of Nutrition Services**

This course includes 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**

This course includes all organization and administration of food service systems. Emphasis is on physical facilities, financial control, menus and purchasing. Prerequisite(s): NTRN 4673 and 4673L.

#### **NTRN 5233 - Research Methods In Nutrition**

This course includes the basic techniques and methodology in nutrition research; reviewing current research studies and interpreting findings in order to evaluate research in the nutrition areas of specialization.

#### **NTRN 5322 - Nutrition Assessment**

This course includes the process used to assess nutritional needs of individuals or groups, and to plan a measurable nutrition interven-

tion program appropriate for clients in various special health care settings. 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**

The course includes a study of scientific nutrition research on issues pertinent to women's health in all age groups.

#### **NTRN 5412 - Pediatric & Prenatal Nutrition**

This course offers a study of the biological bases for nutrient requirements and dietary recommendations as they vary throughout the life cycle. It covers the nutritional needs of women during pregnancy and lactation, infants, and children.

#### **NTRN 5422 - Sports Nutrition for Professionals**

This course is an advanced study of nutrition and the application of the principles of nutrient metabolism as they relate to physical activity, sport and health. This course will emphasize the development of skills required by the professional to assess and provide dietary advice for the active individual. A study of current research and trends will be incorporated. Prerequisite(s): NTRN 4394 or (HLTH 3412 and PHYED 3503) or permission of instructor. Enrollment open to Nutrition and Food Management, Nutrition, Dietetic, and Wellness Management majors only.

#### **NTRN 5523 - Counseling in Dietetics**

This course will provide a study of behavior theories and counseling methods in individuals and groups as it applies to the practice of dietetics.

#### **NTRN 5633 - Foodservice Financial Mgmt**

This course will develop financial and accounting skills to meet the complicated financial management demands of food management professionals especially in healthcare. It will assist the student and improve decision-making skills in regard to efficient and cost effective operations.

#### **NTRN 5641 - Public Policy in Nutrition**

This course is an introduction to the legislative and public process in the United States, in the state, and on a local level with special emphasis on nutrition policy. It will involve developing an understanding of how laws are made and defining public policy. There will be an emphasis on grass roots involvement and other influences on public policy.

#### **NTRN 5892 - Advanced Clinical Nutrition**

This course includes the development of skills required of the professional nutrition care specialist. It additionally 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.

## Graduate Course Descriptions

### **NTRN 5920 - 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.

### **NTRN 5930 - Individual 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 5940 - Field Study in Nutrition**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **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. 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.

## **NURSING (NURS) Department of Nursing**

### **NURS 5033 - Theoretical Foundations Of Nursing Practice**

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. Prerequisite(s): B.S. degree in Nursing and accepted for graduate study.

### **NURS 5103 - Pathophysiology for Non Majors**

This course is intended for students who did not have pathophysiology in their undergraduate degree and/or for students who are not declaring a major in nursing for their graduate degree. It includes the study of physiological mechanisms altered by disease in the human organism, and explores the rationale for diagnosis and therapeutic interventions in disease conditions. Prerequisite(s): BIO 2604.

### **NURS 5113 - Advanced Pathophysiology**

The course provides an advanced understanding of pathophysiologic processes underlying human illness. Instruction applies a systems approach to covering pathophysiologic processes associated with altered health states in adults. This course is required for nursing master of science majors. Students are required to have completed pathophysiology in undergraduate course work.

### **NURS 5133 - Advanced Pharmacology**

This course provides a basis for understanding the use of pharmacotherapeutic agents for clients across the human life span. The course builds upon the pharmacologic knowledge base acquired at the baccalaureate level in nursing.

### **NURS 5153 - Advanced Health Assessment**

This course includes a combination of classroom and clinical experience which enables students to develop advanced practice nursing skills in individual health assessment of infants, children, adults and aging people. In addition, students develop skills in family assessment. Prerequisite(s): ECON 2173 or PSY 2753 or SOC 4043 or STAT 3013 or ECON 2303 or STAT 2013.

### **NURS 5213 - Teaching, Learning, & Nursing Theories**

This course explores major research-based theories of adult learning and knowledge development in nursing. These theories will be examined for their utility across a variety of settings/and or levels of education.

### **NURS 5233 - Advanced Research/EBP**

This course focuses on in-depth analysis and decision strategies in selecting and evaluating appropriate research designs, sampling methods, data collection methods, measurement strategies, instrument development, and data analysis in the development of scientific investigations. Students will apply research outcomes within the practice setting, resolve practice problems, work as a change agent, and disseminate results of a research or evidence-based project.

### **NURS 5323 - Organizational & Systems Leadership**

This course examines principles of organizational and systems leadership critical to the promotion of high quality and safe patient care. Included is the study of leadership skills that emphasize ethical and critical decision making, effective working relationships, and a systems-perspective. This course also explores the methods, tools, performance measures, and standards related to quality, as well as application of quality principles within an organization.

### **NURS 5332 - Healthcare Informatics**

This course provides an introduction to the field of nursing informatics, current state of the science, and major issues for research and development. This course provides basic information on the role of nurses in informatics, and the use of information systems and information management in various aspects of nursing practice, education, management, and research.

### **NURS 5412 - Clinical Nursing Course**

This course facilitates development of clinical proficiency through the use of focused and sustained clinical experiences designed to strengthen patient-care delivery skills, as well as system assessment and interventions skills. The course includes precepted clinical experiences and simulations. Prerequisite(s): NURS 5113, 5133, and 5153.

### **NURS 5423 - Curriculum Dev: Nursing**

This course is designed for persons who are or will be engaged in teaching within academic nursing education settings. The primary focus is the process of curriculum development. Philosophical, social, political, economic, and professional issues that need to be considered in planning curricula, and evaluation of existing curricula or changing curricula are examined. Prerequisite(s): NURS 5213.

### **NURS 5513 - Psychiatric Forensic Nursing**

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. Prerequisite(s): Graduate standing.

### **NURS 5523 - Sexual Assault Forensics**

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. Prerequisite(s): Graduate

## Graduate Course Descriptions

standing.

### **NURS 5533 - Child Abuse Forensics**

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. Prerequisite(s): Graduate standing.

### **NURS 5543 - Domestic Violence Forensics**

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. Law enforcement policies and treatment modalities will also be covered. Prerequisite(s): Graduate standing.

### **NURS 5613 - Tests and Evaluation Proc**

Tests and Evaluation Procedures will provide methods of assessing learning outcomes for individuals and groups in nursing, including academic and clinical settings. Emphasis is placed on methods to evaluate educational programs, institutions, personnel, and students. Prerequisite(s): NURS 5213.

### **NURS 5623 - Educational Strategies Prac**

This course provides preparation for employment and development of competencies as educators in academic and complex healthcare organizations. Course concepts include functioning within the educational environment; understanding research abilities; teaching-learning processes; the use of technology, civic engagement, and service; and developing effective communication skills with diverse groups. Students conduct a practicum experience in order to synthesize theory and research related to the role of nurse educator. Prerequisite(s): NURS 5213, 5423 and 5613.

### **NURS 5900 - Practicum In Nursing**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **NURS 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **NURS 5920 - Workshop in Nursing**

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.

### **NURS 5930 - Individual Study In Nursing**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **NURS 5940 - Field Study In Nursing**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **NURS 5960 - Institute In Nursing**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **NURS 5970 - Study Tour In Nursing**

Credit will vary. Subject matter will vary within the department's field of study.

### **NURS 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **OCCUPATIONAL AND TECHNOLOGY EDUCATION (OCTE)**

**Department of Adult Education & Safety Science**

### **OCTE 5082 - Career & Technology Student Organizations**

This course will focus on the development of a career and technology student organization (CTSO) to serve the needs of the students enrolled in career, occupational, and technology education programs by infusing employability skills, leadership skills, and peer relationship building.

### **OCTE 5213 - History & Philosophy Of Career Technology Education**

This course includes basic principles and philosophy underlying the organization and development of programs in career-tech education with special attention directed toward federally-aided programs in these areas.

### **OCTE 5253 - Safety, Organization, & Management of OTE**

The Safety, Organization, and Management of Career and Technology Education course focuses on the principles, philosophies, and rationale of safety, organization, and program management of the Career and Technology Education classroom and laboratory/clinical environments.

### **OCTE 5303 - Overview of Career Technology Education**

This course is a study of current problems inherent in the operation of a program in Career and Technology Education with exploration and research in classroom management, discipline, on-the-job training or clinical experiences and the rigorous standards established for Career and Technology Education.

### **OCTE 5352 - Accommodating Special Needs Students**

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 5613 - Managing a BITE Program**

This course is designed to assist students with the management techniques to successfully facilitate a project-based Business and Information Technology Education (BITE) program.

### **OCTE 5622 - Integration & Transition Opportunities**

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/Professional Issues in Career Technology Education**

This course provides an examination of legal and professional issues facing Career and Technology 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.

### **OCTE 5663 - Technology Center Finance**

This course presents concepts and bases for funding public career and technology educational programs. Participants in the course will analyze funding sources, processes, distributions, and accountabilities as well as identify accounting practices and requirements.

### **OCTE 5853 - Methods of Teaching in Career Technology**



## Graduate Course Descriptions

### Education

This course provides for the examination of the selection and implementation of instructional strategies for Career and Technology Education. Included in the instructional strategies are introducing and summarizing topics, conducting illustrated lectures, giving demonstrations, operating media equipment, and analyzing instructional techniques.

#### **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 5920 - 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.

#### **OCTE 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### **OCTE 5940 - Field Study**

Credit will vary from 1 to 9 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 5102 - Problems Of Health And Physical Education**

Individual investigation of research methods and special problems in health and physical education.

#### **PHED 5122 - Program Design & Development In Health And Physical Education**

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 - Curriculum Construction Health & Physical Education**

An analytical study of aims, objectives, program activities methods and outcomes in the teaching of health and physical education.

#### **PHED 5153 - Physical Education 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 - Health & Physical Education For The Elementary Teacher**

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 - Health & Physical Education For The Secondary**

### Teacher

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 - Physical Education In Higher Education**

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 - Contemporary Issues In Physical Education 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 Physical Education, Recreation And Athletics**

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 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 - Psychological Basis Of Human Performance**

A study of the principles of learning as applied in the teaching of physical education.

#### **PHED 5602 - Physical Education & Recreation For The Exceptional 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.

#### **PHED 5632 - History & Philosophy Of Health & Physical Education**

A study of the historical and philosophical bases of health and physical education.

#### **PHED 5672 - Public Relations In Health And Physical Education**

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 5920 - 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.

## Graduate Course Descriptions

### PHED 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.

### PHED 5940 - Field Study

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### 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. 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 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 - Philosophical 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 5233 - Philosophy of Language

Philosophy of Language is a study of contemporary issues in the Philosophy of Language, including the nature of truth and reference, the distinction between analytic and synthetic propositions, the verification principle, the epistemic status of linguistic knowledge, and the plausibility of skepticism about meaning and interpretation.

#### PHIL 5323 - Philosophy of Religion

Philosophy of Religion is designed to expose the student to the classical and contemporary philosophical analyses of the claims of religion. It is a critical and reflective survey of the central beliefs and tenets of religion, and a metaphysical and epistemological examination of the nature of religious belief. No philosophy background is required for this course.

#### PHIL 5343 - Philosophy of Morality

Philosophy of Morality is a study of what philosophers have said about the meaning of the word "good" and its cognates in other Indo-European languages. Topics in Western moral philosophy to be covered will include Ancient Virtue Ethics, Kantianism, Utilitarianism, Moorean Intuitionism, and Moral Skepticism. No philosophy background is required for this course.

### PHIL 5363 - Philosophy of History

Philosophy of History is a study of some major philosophical theories about the structure and patterns exhibited by human history. Topics to be covered will include the Christian and Whig historical worldviews, Hegelianism, Marxism, Post-Modernism, and Skepticism about historical prediction. No philosophy background is required for this course.

### 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 5920 - Workshop 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.

### 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 5940 - Field Study In Humanities

Credit will vary from 1 to 9 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. 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 Engineering and Physics

#### PHY 5013 - Mathematical Physics II

This course discusses the mathematical solutions to boundary value problems found in electrostatics, mechanics, heat transfer, quantum mechanics, and acoustics. The mathematical topics may include curvilinear coordinates, Fourier analysis, Fourier transformers, partial differential equations, Green's functions, tensor analysis and group theory. Prerequisite(s): PHY 3883.

#### PHY 5033 - Nuclear Physics

An introduction to the physics of the nucleus and elementary particles is presented. Basic models of nuclear structure, nuclear interactions, and nuclear reactions will be emphasized. The quark model along with the families of elementary particles and their interactions will be introduced. Prerequisite(s): PHY 3103 and PHY 3883.

## Graduate Course Descriptions

### PHY 5043 - Solid State Physics

The purpose of this course is to acquaint the students with the fundamental physics of solids. The emphasis will be on crystal lattices, elastic scattering of waves, bonding, atomic vibrations, electron states, dielectric and optical properties, and semiconductors. Prerequisite(s): PHY 3103 and 9 additional hours upper division level physics.

### PHY 5063 - Analytical Mechanics

A vector analytical approach to particle and rigid-body dynamics is presented, including a brief introduction to the Lagrangian and Hamiltonian formulations of mechanics, and special relativity. Prerequisite(s): PHY 3883 with a minimum grade of "C".

### PHY 5071 - Nuclear Radiation Laboratory

This laboratory course provides a thorough introduction to equipment and techniques of nuclear radiation detection and measurement. The experimental properties of the types of nuclear radiation, their origin, characteristics, detection and interaction with matter are emphasized. Prerequisite(s): PHY 3103 or concurrent enrollment.

### PHY 5103 - 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 5063.

### PHY 5143 - Statistical Mechanics

The kinetic theory of gases, including transport phenomena, and an introduction to classical and quantum statistical mechanics are presented. Prerequisite(s): ENGR 5023 and PHY 3883.

### PHY 5203 - Applied Electrodynamics

Electromagnetic theory is applied to the description of static and time-dependent electric and magnetic fields, electromagnetic radiation, wave guides, transmission lines, and related problems. Prerequisite(s): ENGR 5083 and PHY 5013.

### PHY 5443 - Quantum Mechanics

An introduction to the theory of quantum mechanics and its applications is presented. Topics covered will 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 3103, MATH 3103.

### PHY 5643 - Directed Study

This course is a directed study of a specialized aspect of industrial or applied physics.

### 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 5920 - 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.

### 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 5940 - Field Study In Physics

Credit will vary from 1 to 9 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 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

### PHY 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## POLITICAL SCIENCE (POL) Department of Political Science

### POL 5013 - Urban History of Policy/Administration

Urban History of Policy/Admin is the study of contemporary political, social, and economical institutions and environment of urban areas, placed in a historical context.

### POL 5023 - Scope Of The Discipline

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.

### POL 5033 - Research Methods

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.

### POL 5043 - Municipal Management

Municipal Management provides an overview of the administrative and political environments of municipal governments in the United States with emphasis on Oklahoma municipalities.

### POL 5113 - Advanced Contemporary Problems

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.

### POL 5123 - Problems-The Budgetary Process

The study of the process by which financial resources of governmental institutions are allocated, emphasizing this process in local government.

### POL 5133 - Problems-State & Urban Government

A study of the problems existing in relationships between state and local governmental units.

### POL 5143 - Problems-International Affairs

Case studies in the resolution of geographic and functional problems in international affairs, tailored to students' specific international interests.

### POL 5153 - American Politics

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.

### POL 5163 - Intergovernmental Relations

An exploration of the relationships among the federal, state, metropolitan, and local units of government. Current trends, issues, administrative structures and procedures are emphasized.

## Graduate Course Descriptions

### **POL 5173 - Urban Planning and Politics**

Urban Planning and Politics is 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.

### **POL 5193 - Public Finance Budgeting**

Public Finance and Budgeting is an analysis of revenue sources and expenditures including the planning, approval, and implementation of public budgets.

### **POL 5203 - Public Organizational Theory**

Public Organizational Theory surveys and analyzes the major classical, modern, and contemporary theories of organizations, along with applications of those theories to governmental and nonprofit organizations, with special reference to the dynamic social and political subsystems in which they exist.

### **POL 5213 - Political Sociology**

An examination of extremism and political deviancy, emphasizing the causes and sociological implications of extremism. Prerequisite(s): POL 1113 and SOC 2103.

### **POL 5223 - Presidency & Executive Branch**

Presidency & Executive Branch is the study of 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.

### **POL 5233 - Political Parties/Behavior**

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.

### **POL 5243 - Media And Politics**

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 "entertainment" media, such as television and films, as well as the dynamics behind these messages.

### **POL 5253 - The Congress**

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.

### **POL 5263 - Judicial Process**

This course examines the organization, jurisdiction, and functions of both federal and state courts, as well as, explores theories of judicial behavior and judicial policy-making.

### **POL 5273 - International Politics Risk Analysis**

An analysis of techniques useful in forecasting regime changes, nationalization, controls on profit repatriation, and other political risks faced by companies operating in foreign countries.

### **POL 5283 - Public Opinion**

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.

### **POL 5293 - Public Administration Dynamics**

Public Administration Dynamics introduces the study of public administration by exploring the role of bureaucracy in a democracy,

applying management and organizational theory to the public setting, and illustrating the work life of a public administrator through various simulations and case studies. Particular focus will be on the concepts and problems of public administration with emphasis on the development of organizations, management of human resources, ethical practice, emerging professionalism, and oversight of governmental budgeting and finance.

### **POL 5323 - Constitution & Criminal Procedure**

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.

### **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 5343 - Middle East Politics**

Middle East Politics examines selected aspects of politics in the Middle East, with particular emphasis on current changes in Middle Eastern politics and world affairs. The objective of this course is to introduce students to the domestic politics and the external factors that have influenced Middle Eastern countries and their relations with the outside world. Topics of discussions may include religions, cultures, ideologies, colonialism, modernization and democratization, nationalism, ethnicity and social movements, foreign policymaking and the status of women in the modern Middle East.

### **POL 5353 - Ethics in the Public Service**

Ethics in the Public Service is designed to give students a framework for understanding the unique ethical dilemmas that challenge leaders whose work will likely impact the public at large.

### **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 practice, and examples of analysis of policies on the local, state, and national levels are studied.

### **POL 5423 - Public Executive Leadership**

Public Executive Leadership examines executive leadership theories, principles and practices applicable to local, state, tribal, and federal governments, and to nonprofit organizations.

### **POL 5433 - Minority Politics & Policy**

Minority Politics and Policy is 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 5443 - Environmental Politics**

Environmental Politics 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

## Graduate Course Descriptions

how they seek to protect their interests.

### **POL 5453 - Cases in Public Administration**

Cases in Public Administration is the analysis of contemporary public administration issues and cases related to citizen participation, decision making, ethics, public health, national defense, bureaucracy, organizational behavior, budgeting and finance, planning, policy analysis, leadership, privatization, management, and human resources.

### **POL 5463 - Managing Nonprofit Organizations**

Managing Nonprofit Organizations examines the unique challenges and opportunities nonprofits encounter. The course encompasses governmental and business perspectives on the purpose, scope, history, legality, funding and economic impact of nonprofit organizations.

### **POL 5473 - Public Sector Human Resources**

Public Sector Human Resources explores the history, philosophies, techniques, problems and processes of human resource management in governmental and nonprofit organizations. Specific topics include civil service reform, recruitment and training in the public sector, and public sector Equal Employment Opportunity (EEO) and labor problems.

### **POL 5483 - Administrative Law**

Administrative Law acquaints students with the constitutional concepts and case law relevant for federal employment and service delivery, the related activities of local, state, and tribal governments, and issues pertaining to private firms doing business with governmental and/or nonprofit organizations.

### **POL 5513 - Public Program Evaluation**

Public Program Evaluation enhances students' skills in quantitative and qualitative program evaluation. This course examines the nature, history, and techniques of program evaluation as well as the dissemination of information. The scientific method is applied to the program-solving process through such techniques as quasi-experimental research design, data collection, analysis, and report writing.

### **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 - Dispute Resolution/Negotiation**

Dispute Resolution/Negotiation studies contemporary methods of resolving development dispute through negotiation, bargaining, and mediation. Techniques and skills applicable to solving controversies over planning and implementation of public and private development projects are emphasized.

### **POL 5543 - State Administration & Policy**

State Administration & Policy is the 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 5553 - Espionage and Intelligence**

Espionage and Intelligence studies the means by which national governments collect and analyze information about the actions and intentions of foreign governments and other international entities. Also included are government efforts to influence political events abroad and to prevent foreign penetration of intelligence services.

### **POL 5563 - Economic Development**

Economic Development will examine the systematic study of the development and strategic management of assets and resources to improve quality of life and standard of living in a sustainable manner in both rural and urban communities. Instruction in economic development theory, infrastructure development, investment policy, the role of government in business development, and the study of

social, health, and environmental influences on economic development will constitute the core subject matter.

### **POL 5573 - Islam and Politics**

Islam and Politics examines thematic areas concerning the general relationship between Islam and politics in modern world affairs. It explores diversities within and among Islamic societies and highlights differences between Islamic movements and trends affiliated with both mainstream political Islam and Islamic radicalism. The course covers other, often controversial, issues concerning debates on Islam and democracy, the persistence of authoritarianism in Arab and Muslim societies and controversies surrounding the relationships between Islamic and Western values and societies. The lectures and discussion will also address a wide range of case-studies and conflicts that have often resulted in regional and international crises, including, but not limited to, the Palestinian-Israeli conflict, the Cyprus dispute, the war in Bosnia and the Indian-Pakistani battles over Kashmir.

### **POL 5583 - Comparative Public Administration**

Comparative Public Administration will examine the application of comparative methodologies to the study of administrative institutions, processes, and behaviors across organizational, national, and cultural boundaries, as well as enhance student understanding of public management in a global context.

### **POL 5603 - Theories-International Relations**

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. ocuses particularly on war-peace issues and the politics of international economic and social relations. rerequisite(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. pecific 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

## Graduate Course Descriptions

investment, trade, and international finance from the differing perspectives of industrialized and developing countries.

### **POL 5693 - Contemporary International Issues**

An in-depth analysis of selected issues confronting the international political, security, and economic environment. Coverage 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 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 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 clear understanding of the Japanese political system and its decision-making processes.

### **POL 5783 - Health Policy & Administration**

Health Policy & Administration provides an overview of the U.S. health care system, its components, and the policy challenges created by the organization of the system as well as important issues that cut across institutions. The course introduces the material covered in four substantive areas that form the analytic basis for many of the issues in Health Policy. The areas are: (1) economics and financing, (2) need and demand, (3) politics/ethics/law, and (4) quality/effectiveness. No disciplinary background is assumed, nor is any special familiarity with the field of health care required.

### **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 Political Thought**

A survey of main currents in American political thought from puritanism to the present. Prerequisite(s): POL 1113.

### **POL 5843 - Ancient & Medieval Political 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 5920 - 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.

### **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 5940 - Field Study**

Credit will vary from 1 to 9 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. Subject matter will vary within the department's field of study.

### **POL 5983 - Capstone Paper**

This course meets the writing requirement that is part of the department's Master's program. The topic of the Capstone Paper is chosen in consultation with a faculty advisor and should reflect an important issue within the discipline.

### **POL 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **PSYCHOLOGY (PSY)** **Department of Psychology**

### **PSY 5013 - Biosocial Psychology**

Contemporary readings in cognitive social psychology, neuropsychology, evolutionary theory, and anthropology are used to examine the hypothesis that humans are unique in processing a "mental life" made possible by the evolution of a narrative brain designed to function in a social environment. Prerequisite(s): Written permission required.

### **PSY 5033 - Cultural And Gender Diversity**

This course will address gender and cultural diversity issues as they relate to counseling clients from various cultural and ethnic groups. This course will be approached from a psychological perspective with emphasis placed on the psychosocial variables of various cultures. Prerequisite(s): Written permission required.

## Graduate Course Descriptions

### **PSY 5051 - Professional Career Planning**

The purpose of this course is to: (1) provide advisement regarding matriculation through the Master of Arts in psychology program, (2) assist students with the delineation of career goals by providing information concerning specialized job opportunities, and (3) prepare students for beginning work on the master thesis. Prerequisite(s): must be taken the first semester of graduate enrollment and written permission of instructor.

### **PSY 5143 - Advanced Developmental Psychology**

This course provides an in-depth examination of human development from infancy through later adulthood with primary emphasis on psychological research, theory, and its application. Prerequisite(s): PSY 2833 and written permission required.

### **PSY 5153 - Cognitive Assessment**

Students will learn to administer, score, interpret, and write reports for the Wechsler intelligence and achievement tests. Students are expected to have the requisite knowledge in statistics, tests and measurements, child and adult development, and the appropriate ethical standards. Prerequisite(s): Admission to Counseling or School Psychology programs. Enrollment open to Counseling or School Psychology majors only.

### **PSY 5193 - Experimental Design**

This is 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**

The purpose of the course is the study of current diagnostic criteria for psychopathology and 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 - Personality & Pathology Assessment**

This is a survey course that includes examination of current methodologies for the assessment of personality functioning ranging from structured interview to objective and projective techniques. Prerequisite(s): PSY 5153.

### **PSY 5263 - Legal & Ethical Aspects Of Counseling**

This course provides a study of the essential 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 5273 - Perception and Action**

Perception and action are processes that turn the raw physical energies of the world into personal experiences. Students will use behavioral and physiological data (about referents for physical motion) from their readings, discussions, and simulations to contrast theories assuming perception and action are reducible to independent processes (vision, audition, olfaction, gustation, tactile/haptic, balance, etc.) with theories assuming perception and action are reciprocal processes operating across, versus within, sensory- cognitive-motor systems. The assumptions have implications for scientific explanations of relationships between available ambient energy and physical reality.

### **PSY 5333 - Psychopharmacology**

This course is designed to provide knowledge about the physiological basis of drug effects on behavior. Emphasis will be given to drug treatments for psychological problems, drugs of abuse, and the psychophysiology of addiction. Prerequisite(s): Written permission.

### **PSY 5343 - Psychological Science**

This course provides a foundation for the general experimental psychology student and examines science as a formalized epistemological system. The course also 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 from psychology chair required.

### **PSY 5383 - Multivariate Analysis w/SPSS**

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 in this course. A focus on when and why each technique is used, familiarization of SPSS computer output for each technique and the examination of published research articles containing the application of these techniques will be covered. Prerequisite(s): PSY 3713 or concurrent enrollment and written permission of instructor.

### **PSY 5473 - Individual Counseling**

This course provides an overview of the theories, therapeutic approaches, and empirically supported treatments specific to working with individuals. Students will become familiar with the legal, ethical, and diversity issues applicable to the diagnosis and treatment of individuals. The course will employ instruction, role play and classroom demonstration. Prerequisite(s): Admitted to the program and written permission of instructor.

### **PSY 5483 - Group Counseling**

This course provides an overview of the theories, therapeutic approaches, and empirically supported treatments specific to working with groups. Students will become familiar with the legal, ethical, and diversity issues applicable to the diagnosis and treatment of groups. The course will employ instruction, role play and classroom demonstration. Prerequisite(s): PSY 5473 and written permission of instructor.

### **PSY 5493 - Competency Based Counseling**

This course provides experience which will prepare counseling students for their first semester of practicum placement. The student will perform activities consistent with the demands of an off-campus practicum experience under the direct supervision of the UCO counseling faculty. Students will be provided with training experiences that require the integration of their counseling and assessment abilities with sensitivity to diversity, legal, and ethical issues. Emphasis will be placed on empirically supported treatments and therapeutic variables. This course should be taken immediately prior to practicum. Prerequisite(s): PSY 5473 with a minimum grade of "B" and written permission required.

### **PSY 5523 - Child & Adolescent Counseling**

This course provides an overview of the theories, therapeutic approaches, and empirically supported treatments specific to working with children and adolescents. Students will become proficient in the legal, ethical, and diversity issues applicable to the diagnosis and treatment of children and adolescents through didactic instruction, role play and classroom demonstration. Prerequisite(s): PSY 5473 with a minimum grade of "B" and written permission.

### **PSY 5533 - Couples and Family Counseling**

This course provides an overview of the theories, therapeutic approaches, and empirically supported treatments specific to working with couples and families. Students will become familiar with the legal, ethical, and diversity issues applicable to the diagnosis and treatment of couples and families. The course will employ didactic instruction, role play and classroom demonstration. Prerequisite(s):



## Graduate Course Descriptions

Written permission.

### **PSY 5543 - Career Counseling**

The course provides an introduction to the major career development and trait theories, career assessment techniques, and empirically based career counseling techniques. The course emphasizes the integration of theories, techniques, and counseling applications. In addition to the classroom, the on site counseling laboratory provides the opportunity for applied practice. Prerequisite(s): PSY 5473 with a minimum grade of "B".

### **PSY 5563 - Advanced Social Psychology**

This course provides an in-depth study of the interaction of humans with their social environment with special emphasis on classic and current themes and methods of social research. Prerequisite(s): PSY 5473 with written permission of instructor.

### **PSY 5623 - Theories of Personality**

This course will discuss the primary approaches to understanding personality: psychodynamic, biological/evolutionary, behavior/social learning, trait, humanistic, and cognitive. For each approach, the course will review the origins of the theoretical approach, discuss the approach's assumptions about personality, and examine examples of related research.

### **PSY 5633 - Cognitive Psychology**

This course provides 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 required.

### **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 5653 - Forensic Psychology**

This course reviews the contribution of psychology to the explanation of criminal conduct and the treatment and rehabilitation of offenders, covering basic concepts of criminal justice and the study of crime while examining the nature of offending from sociological, psychiatric, and psychological perspectives. It also addresses the impact of crime from the standpoint of victims as well as responses to victims of crime.

### **PSY 5683 - Advanced Counseling**

This course provides an in-depth view of the theories, therapeutic approaches, and empirically supported treatments specific to working with various individual client populations. Students will become familiar with the legal, ethical, and diversity issues applicable to the diagnosis and treatment of various types of individual clients and diagnoses. The course will employ didactic instruction, role play and classroom demonstration. Prerequisite(s): PSY 5473 with a minimum grade of "B" and written permission of instructor.

### **PSY 5722 - Introduction To School Psychological Services**

This is a course designed to aid school psychometrist and school psychologists in exploring their role and functions. 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 will also be covered. Prerequisite(s): Written permission from psychology chair required.

### **PSY 5753 - Advanced SPSS**

This course emphasizes coding data for data files, writing SPSS control files to read the data file, and completing SPSS procedures. Procedures covered range from basic data transformations to complex multivariate procedures. Prerequisite(s): PSY 3813; PSY 4383 preferred and written permission from psychology chair required.

### **PSY 5783 - Behavioral Neuroscience**

This advanced course is about current research on the neuroanatomy, physiology, and chemistry of the brain, including neurotransmitters, receptors, neural pathways, and genetics. Studied methods include electrical and magnetic stimulation of the brain, neuroimaging, and single-cell neurophysiology. Topics include brain-based theories of sensation, perception, cognition, learning, sleep and dreams, psychopathology, and drugs and behavior. Prerequisite(s): Admission to an M.A. in Psychology program. Enrollment open to graduate psychology majors only.

### **PSY 5813 - Diagnostic Testing Techniques**

This course is a survey of diagnostic testing techniques which deals with sensory motor skills, language development, and social and emotional development. Emphasis is placed on the rationale and functions of such instruments that help specialists in reading, counseling, and psychometry to evaluate those aspects of behavior not currently assessed by traditional testing procedures. Prerequisite(s): PSY 5153.

### **PSY 5823 - ABA I: Foundations in Behavior Analysis**

This is the foundational course in Applied Behavior Analysis. The course is designed to cover the basic elements in 10 of the 11 core areas of applied behavior analysis. The course focuses on the ethics and basic characteristics, processes, concepts, terminology, and learning principles upon which ABA is based. Assessing behavior and designing intervention outcomes and strategies using principles of experimental evaluation including displaying and interpreting behavioral data is emphasized. ABA is compared to other explanations of behavior and students are guided in the creation and application of individualized behavioral programs for teaching functional skills.

### **PSY 5833 - ABA II: Application of Techniques in Applied Behavior Analysis**

ABA II: Application of Techniques in Applied Behavior Analysis is the second of five courses in the BCBA approved sequence. The course takes basic ethical foundations and principles of ABA articulated in eight of the Core Areas to a higher level of understanding and application. Students are expected to apply knowledge and skill from both the introductory course and ABA II in the development of extensive training modules for fellow professionals using the principles of ABA. Training modules including treatment for all age levels (In Oklahoma that encompasses Sooner Start to Waivered Services Independent Adult Living). Training design includes ongoing supervision of comprehensive and intense programs for functional behavior. This course also examines the effects of the use of psychotropic medications for behavior control and dual diagnoses (Ex. Mental Illness and a developmental disability). Prerequisite(s): PSY 5823 and graduate standing.

### **PSY 5843 - Autism II: Autism/PDD-NOS Adv**

This course is an intensive examination of the autistic spectrum and the ethical use of ABA principles in the treatment of disorders within the spectrum. Students will learn to administer a broad range of diagnostic instruments with emphasis on those used in early intervention such as ABLLS, AEPS, Social Skills Checklist, PASS skills, and the Brigance. Students learn to develop IFSP goal, IEP goals, and IP goals [for individuals on waived services] using data

## Graduate Course Descriptions

secured through the evaluation process. Finally, students develop and implement intensive programs covering all core skills areas for individuals with autism using the methods designed with the foundations of ABA (verbal behavior, natural environment teaching, discrete trial teaching, and others). Prerequisite(s): PSY 5823 and PSY 5833 and graduate standing.

### **PSY 5853 - ABA III: Topics in Applied Behavioral Analysis**

This course compares the ethics of ABA versus Behavior Modification and other ethical and legal considerations of ABA in a practicum setting. The course engages aspects of 8 of the 11 Core Areas of ABA including the study of organic syndromes and brain injury. The course takes concepts introduced and studied in ABA I and ABA II and raises the intensity of study to a more intense level, requiring student to develop extensive training modules for fellow professionals. Training modules include all age levels of treatment from early childhood services to Waivered Services Independent Adult Living and include ongoing supervision of comprehensive and intense programs for functional behavior. This course also examines the effects of psychotropic medications for behavior control and the factors to consider in dual diagnoses. Prerequisite(s): PSY 5823, PSY 5833, PSY 5843 and graduate standing.

### **PSY 5863 - ABA IV: Single Subject Design**

This course is the culminating application level course in the 5 course training sequence covering all 11 BCBA Core Areas. Students are responsible for demonstrating to a board of examiners the student's understanding and skills in the field of ABA through a multiple baseline study. Additionally, the course requires students to demonstrate to the instructor the process of diagnosis, intervention planning, and the broad array of intervention techniques required in the application of ABA principles. Prerequisite(s): PSY 5823, PSY 5833, PSY 5843, PSY 5853 and graduate standing.

### **PSY 5873 - Ethical Conduct & Principles of ABA**

Ethical Conduct and Principles of Applied Behavior Analysis (ABA) will focus on the ethical standards and guidelines for responsible conduct of behavior analysts. Students will be expected to explain and behave in accordance with the philosophical assumptions of behavior analysis by defining and demonstrating the use of terms such as response class, respondent conditioning, motivating operations, etc. Utilizing case studies, specific to applied behavior analysis, students will analyze and synthesize methods to identify problem behaviors and how to assess them, fundamental elements of behavior change, behavior change systems, interventions and change considerations, and ethical methods to implement change as required by the national Behavior Analysis Certification Board. In addition students will be expected to demonstrate effective and ethical management and supervision skills through their enrollment in an ABA internship. Prerequisite(s): PSY 5823, 5833, 5843.

### **PSY 5883 - School Based Psycho-Educational Intervention**

School psychology students will learn advanced intervention design with an emphasis on behavior analytic approaches to individualized, school based intervention. Prerequisite(s): PSY 5722 and 5823. Enrollment open to Psychology-Counseling and School Psychology majors only.

### **PSY 5893 - Consultation in School Psychology**

The course focuses on developing appropriate cognitive and academic goals for students with different abilities, disabilities, individual needs. An emphasis is placed on implementing interventions through consultation and collaboration across a range of systems including school, home, and community. Prerequisite(s): 19 hours of School Psychology. Enrollment open to School Psychology majors only.

### **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 5920 - Workshop in Psychology**

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.

### **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 5940 - Field Study In Psychology**

Credit will vary from 1 to 9 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.

### **PSY 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **PSY 5980 - Graduate Project**

Credit will vary from 1 to 3 hours. Subject matter will vary within the department's field of study.

### **PSY 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **PROFESSIONAL TEACHER EDUCATION (PTE) Department of Educational Services, Foundation & Research**

### **PTE 5013 - Foundations Of Educational Research**

This course provides an interdisciplinary approach to developing criteria for utilization of research methodologies relevant to the varied professionals working in educational settings. Included in this course will be practical experience in conducting and/or writing research proposals appropriate to the programs reflective of these educational settings and a computer simulation of the handling of statistical data.

### **PTE 5112 - Modern Philosophies Of Education**

This course is a study of current educational philosophies with a special emphasis on those of the United States. It provides for an understanding and application of philosophical theories within the educational setting.

### **PTE 5142 - History Of Education**

This course examines the historical perspective and impact of the political economy, prevailing ideology, educational practices, educational problems, and major contributions by educational leaders and theorists in American schools. This course also analyzes key educational issues dealing with how diversity has impacted American schools.

## Graduate Course Descriptions

### **PTE 5153 - Advanced Developmental Psychology In Educational Setting**

This course provides an advanced level review of human development across the life span with emphasis on the factors impacting development of children and adolescents. Examination and application of developmental theories and research relevant to professionals working in educational settings is a primary focus of this course. PTE 5333, Meeting Secondary Students' Needs, is a prerequisite for this course for all secondary education majors; this prerequisite will be strictly enforced.

### **PTE 5172 - Educational Sociology**

This course examines the school's functions in a democratic society and its relationship to the total culture particularly to social problems.

### **PTE 5203 - Advanced Educational Psychology**

This course examines various theoretical perspectives and research findings regarding brain development, cognition and motivation and their influence on educational decisions and practices. PTE 5333, Meeting Secondary Students' Needs, is a prerequisite for this course for all secondary education majors; this prerequisite will be strictly enforced.

### **PTE 5221 - Contemporary Class Issues**

This course consists of three major components related to teaching: urban education, wellness, and legal and professional aspects.

### **PTE 5283 - Fundamentals Of Curriculum Development - Secondary School**

This course provides an in-depth study of the design and delivery of a school system's curriculum and instruction components. Students will study the basic constructs of curriculum, teaching and testing, enabling them to recognize and implement quality curriculum standards at the middle school and high school levels. This course will focus on the process of curriculum development, evaluation, improvement and leadership with emphasis on the relationship between the written, taught, and tested curriculum.

### **PTE 5322 - Problems Of Teaching In Secondary Schools**

This course provides a critical study of the major problems of instruction common to secondary schools.

### **PTE 5333 - Meeting Secondary Students' Needs**

This course focuses on understanding adolescents' physical, cognitive, and psychosocial development and the impact of family, community, and culture. Understanding these influences, as well as the needs of special learners, will foster the choice of appropriate strategies to meet the developmental and instructional needs of secondary students. Field Applications in secondary schools allow students to apply course concepts in actual classrooms. Prerequisite(s): Enrollment open to Secondary Education majors only.

### **PTE 5383 - Principles Of Tests & Measurements**

This course examines test and measurement principles (psychometric statistics, reliability and validity). Major emphasis is placed on different types of educational and psychological assessment, including group and individual approaches to intelligence, aptitude, achievement, interest and personality.

### **PTE 5413 - Educational Statistics**

This course provides an introduction to the basic principles of organization and treatment of statistical data as utilized by educational professionals in various educational settings.

### **PTE 5422 - Technology For Secondary Teachers**

Technology for Secondary Teachers focuses on the utilization of current technology for classroom instruction, student assessment, and professional development. The course also examines the so-

cial, ethical, legal, human and equity issues surrounding the use of technology in the secondary classroom. Prerequisite(s): Enrollment open to Secondary Education majors only.

### **PTE 5523 - Designing Instruction for Secondary Classrooms**

This course prepares students to design and teach effective lessons to facilitate student learning in secondary schools based on appropriate theoretical frameworks. Multiple strategies for enhancing student learning will be explored, including, but not limited to, lecture, demonstration, simulation, projects, experiments, dramatization, and group processes. Additionally, methods for differentiating instruction and integrating curriculum will be explored. Students will apply Oklahoma Academic Standards, National Board Standards and/or other Oklahoma standards in lesson planning and delivery. Prerequisite(s): Enrollment open to Secondary Education majors only.

### **PTE 5533 - Managing Secondary Classrooms**

This course prepares students to utilize current theory and best practices related to behavior, motivation, and communication to create learning environments that encourage positive social interaction, self-motivation, and active engagement in learning. Additionally, students will create and rehearse approaches to developing professional relationships with students' parents and/or guardians. Field Applications in secondary schools allow students to apply course concepts in actual classrooms. Prerequisite(s): Enrollment is open to Secondary Education majors only.

### **PTE 5623 - Secondary Class Assessment**

This course focuses on the design, delivery, analysis, and utilization of results of classroom assessments to enhance student learning in the secondary classroom. Students will also learn to utilize data from standardized tests and make appropriate instructional decisions. Additionally, the course will examine the standardized testing process, as well as legal, ethical, and diversity issues in assessment. Prerequisite(s): Enrollment open to Secondary Education majors only.

### **PTE 5693 - Curriculum Development For Elementary Schools**

This course is a study of the principles of curriculum organization in the elementary school setting. A major emphasis will be placed on curriculum development, modification, and the selection and evaluation of instructional materials.

### **PTE 5822 - Advanced Psychology Of Childhood**

This course provides a study of the major theories of childhood. The relationship among child development, growth and educational/instructional practices and techniques is included with an emphasis upon the child in various educational settings including methods of child study.

### **PTE 5832 - Advanced Psychology Of Adolescence**

This course is a study of the major theories of adolescence including an overview of the problems and characteristics of the period of adolescence. Emphasis is upon the various aspects of adolescent growth, development, and current research as these relate to educational settings, decisions, and practices.

### **PTE 5893 - Capstone Research Experience**

This course requires students to demonstrate their cumulative knowledge in Professional Education and in their teaching specialization area to complete and present a research project. Prerequisite(s): PTE 5013 and complete a minimum of 19 hours of graduate coursework.

### **PTE 5900 - Practicum In Teacher Education**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

## Graduate Course Descriptions

### PTE 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### PTE 5920 - 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.

### PTE 5930 - Individual Study

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### PTE 5940 - Field Study

Credit will vary from 1 to 9 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. 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 Advanced Professional & Special Services

#### READ 5023 - Developmental/Correction Classroom Reading Experience

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 5613 - Secondary/Adult Disabled Reader

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 - Organization & Supervision Of Reading Programs

Policies and techniques of planning, implementing and supervising of reading centers and programs in schools and school systems.

#### READ 5813 - Adolescent Literacy

Adolescent Literacy is a course emphasizing the study of curriculum, philosophy, research, and related instructional strategies, assessments, and materials applicable to the teaching of literacy with adolescent learners. Students will document their mastery of required competencies for certification through the successful completion of coaching a teacher of adolescents in the development of a Thematic/Inquiry Teaching Unit.

#### READ 5833 - Diagnosis Intervention Reading

Candidates 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. A tutorial component requires that each candidate apply the knowledge and skills attained through assigned readings and class instruction in an authentic teaching/learning situation. Graduate candidates will work closely with faculty to analyze and synthesize course components. Prerequisite(s): SPED 4102 or 5102.

#### READ 5843 - Diagnosis and Correction Of Reading Disabilities with Tier II Intervention

Diagnosis and Correction of Reading Disabilities with Tier II Interventions will address the principles and procedures for diagnosing and correcting reading disabilities. Under the supervision of a reading professor, students will gain experience assessing reading skills using the assessments presented in the class. Students will also learn Tier II intervention strategies that fit within the Response to Intervention (RTI) Reading Model. Students will complete a diagnostic case study and a teacher work sample. Prerequisite(s): READ 5623 or concurrent enrollment.

#### READ 5853L - Clinical Practice In Reading 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. Prerequisite(s): READ 5863 or READ 5443.

#### READ 5863 - Reading Assment & Tier III Interventions

Reading assessments along with instructional reading strategies for Tier III in the Response to Intervention Three-Tier Reading Model will be implemented in this course. This course will be part of sequence in which the course READ 5843 will precede this course and READ 5854 will follow. The focus for the reading candidate is to accurately identify children with marked reading difficulties who have not responded to Tier II efforts. In Tier III the reading candidate will learn to diagnose reading disabilities and specifically design and customize reading instruction gleaned from the diagnostic data. Prerequisite(s): READ 5843. Enrollment open to Reading majors only.

#### 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 5920 - Workshop in 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.

## Graduate Course Descriptions

### **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 5940 - Field Study In Reading**

Credit will vary from 1 to 9 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.

### **READ 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **READ 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **RECREATION (REC)**

### **Department of Kinesiology and Health Studies**

#### **REC 5362 - Therapeutic Recreation**

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.

#### **REC 5602 - Community Recreation**

Investigation into the structure of community recreation systems and programs. Study of needs, leadership, facilities and personnel involved.

#### **REC 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### **REC 5930 - Individual Study In Recreation**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### **REC 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

#### **REC 5950 - Internship In Recreation**

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.

## **SUBSTANCE ABUSE STUDIES (SAS)**

### **Department of Sociology, Gerontology, & Substance Abuse Studies**

#### **SAS 5113 - Foundations of Addiction**

Foundations of Addiction examines the historical, current, and emerging theories of addiction. The course covers categories of substance abuse, physiological and psychological effects of alcohol and other drugs, the disease concept of addiction, family and social dimensions of substance abuse, and the principal therapy and treatment approaches to the disease. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

#### **SAS 5223 - Advanced Individual Counsel**

Advanced Individual Counseling provides an in-depth review of counseling theory and current practice. The student will be familiar with psychoanalytic, Gestalt, Reality, cognitive behavioral, and Rogerian Therapy. Change Theory and 12-step facilitation will be applied. Theory is applied to specific elements of substance abuse treatment for the individual, role-played therapy. Mock sessions will be videoed for review and critique. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

#### **SAS 5273 - Substance Abuse and the Family**

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.

#### **SAS 5303 - Substance Abuse In Special Populations**

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.

#### **SAS 5313 - Advanced Family Counseling**

Advanced Family Counseling examines all theoretical, ethical and legal aspects of the substance abuse counselor working in the primary medium of family counseling. The continuum of care for the whole family will be stressed including, education, prevention, early intervention, primary treatment, extended treatment and continuing care. Formal intervention, psychodynamics, and all facets of family counseling will be reviewed and practiced. Family systems theory will be applied in all aspects. Special emphasis will be placed on the dynamics of enabling and co-dependency. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

#### **SAS 5323 - Psychopharmacology & Neurobiology Addiction**

Psychopharmacology and Neurobiology of Addiction examines the biology of alcohol and drug dependency. This will be addressed through the study of brain chemistry and related causal factors and patho-physiological processes, including brain function and behavioral correlated, molecular adaptation, and the genetics of addiction disorders. The role of psychopharmacology is viewed from a broad perspective focusing on alcohol and drug abuse, agents frequently used in the management and resolution of withdrawal symptoms, co-occurring mental health issues, and the ethical responsibilities of the clinician in the treatment of clients on psychotropic medications. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

#### **SAS 5333 - Advanced Counseling Skills/Substance Abuse**

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/

## Graduate Course Descriptions

social world of this person. The course will include demonstration and role-playing of techniques of a functional helping relationship. Prerequisite(s): SOC 3023.

### **SAS 5343 - Prevention And Education In Substance Abuse**

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.

### **SAS 5353 - Advanced Group Dynamics**

Advanced Group Dynamics provides in-depth study of the theory and practice of group therapy as it applies to individuals and families dealing with substance abuse and mental health issues. The course examines ethical and legal aspects as well as research pertaining to best practices and outcome measurement on group treatment in substance abuse and mental health. Students will have the opportunity to facilitate in role play of all aspects of group leadership. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

### **SAS 5413 - Psychopathology & Co-Occurring Disorders**

Psychopathology and Co-occurring Disorders offers a comprehensive view of an integrated treatment model for individuals with co-occurring mental health issues and alcohol and other drug dependency. Treatment is addressed with emphasis on the dynamics of empirically based best practice treatment strategies. The role of psychopharmacology and counseling in treating co-occurring disorders is explored, as are community resources. Relapse prevention, continuing care planning, ethical and legal issues for appropriate decision making and scope of practice will be addressed. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

### **SAS 5433 - Advanced Human Development for Substance Abuse Professionals**

Advanced Human Development for Substance Abuse Professionals provides an in-depth look at human development as it evolves from infancy through adulthood. Specific issues that will be examined are the emotional, mental, and physical effects of substance abuse. Counseling implications are investigated for each with integrated ethical and legal principles and standards in developmental counseling. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

### **SAS 5443 - Family Systems Theory**

Family Systems Theory is an approach to practice that views the family as both composed of subsystems and also as part of larger supra-systems. In this course, we will examine the foundations and principles of family systems theory, explore the role of relational space and socialization on individual development, and practice evidence-based structural family therapy interventions appropriate for working within the theoretical framework. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

### **SAS 5513 - Advanced Family Counseling for Co-occurring Disorders**

Advanced Family Counseling for Co-occurring Disorders provides an in-depth analysis of theory and current practice of family counseling for consumers with both substance abuse and mental health disorders. Family theory will be investigated as it applies to treatment of co-occurring disorders. Student teams will prepare case studies to be used and role played in mock family sessions to be videoed and critiqued by the class and instructor. Prerequisite(s): Enrollment

open to Substance Abuse Studies majors only.

### **SAS 5523 - Cultural Sensitivity for Addiction Treatment**

Applied Cultural Sensitivity for Addiction Treatment addresses individual differences in culture and ethnicity as key considerations in the therapeutic counseling of alcohol and drug dependency. Implications for intervention and treatment are addressed for aging adults, people with physical disabilities, Gay, Lesbian, Bisexual and Transsexual minorities, and people from a variety of cultural and ethnic backgrounds, while applying ethical principles to clinical situations. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

### **SAS 5613 - Research in Substance Abuse Studies**

Research in Substance Abuse Studies provides an in-depth view of clinical research processes and functions that encompass an array of clinically relevant practices. These include scientific research, review of research literature, and their application to treatment innovations; program evaluation procedures and outcomes; and the understanding of the application of research design and methodology. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

### **SAS 5633 - Counseling the Abused**

Counseling the Abused is an extensive view of individual counseling and therapeutic processes involving the treatment of abuse and trauma. Topics include psychoanalytic, behavioral, existential, and humanistic perspectives, in addition to cognitive behavioral approaches. Select theorists are highlighted based upon relevance and application to the field of alcohol and drug dependency. Prerequisite(s): Enrollment open to Substance Abuse Studies majors only.

### **SAS 5893 - Capstone in SAS**

Capstone in Substance Abuse Studies is designed to be the culminating experience for all Substance Abuse Studies Master's students. It will summarize all the work covered in the substance abuse program and looks at directions for the future in the substance abuse field. Prerequisite(s): SAS 5613 or GERO 5823. Enrollment open to Substance Abuse Studies majors only.

### **SAS 5900 - Practicum**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **SAS 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary from within the department's field of study.

### **SAS 5920 - 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.

### **SAS 5930 - Individual Study**

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.

### **SAS 5940 - Field Study**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **SAS 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 the professional field of an advanced or graduate student.

### **SAS 5960 - Institute**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

## Graduate Course Descriptions

### SAS 5970 - Study Tour

Credit will vary. 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 Adult Education & Safety Science

#### 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 5083 - Industrial Safety II

This course provides an overview of the engineering and technological aspects of current industrial safety practice.

#### SFTY 5123 - Industrial Hygiene

This course is a study of environmental factors that occur in industry that contributes to worker illness and injury. Toxic materials, radiation, heat and noise stresses, and other concerns of the industrial hygiene discipline will be considered.

#### SFTY 5133 - Industrial Hygiene II

A continuation of Industrial Hygiene I, with particular emphasis on the field application of industrial hygiene instrumentation to assist the practitioner in the elimination or minimization of worker exposure to health hazards in the industrial environment. Prerequisite(s): SFTY 2503 or MATH 1513; and SFTY 4123 or SFTY 5123.

#### 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 2503.

#### SFTY 5173 - Fire Prevention & Protection

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 - Principles, History, & Philosophy Of Safety Education

This course reviews the philosophy of industrial safety in light of its historical context. In addition, system safety and quantitative risk management models will be studied.

#### SFTY 5213 - Chemical/Toxic Hazardous Material/Waste

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 2503.

#### 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. Prerequisite(s): MATH 1513 or equivalent.

#### SFTY 5253 - Electrical Safety

This course consists of a study of the basic concepts of direct and alternating current, including the generation, transmission, safe use, and protective methods employed in industry. Prerequisite(s): Graduate standing.

#### SFTY 5303 - Driver & Traffic Safety 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 Management

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. Other physical risk and legal risk will be studied. Prerequisite(s): SFTY 3073 and MATH



## Graduate Course Descriptions

1513 or equivalent.

### **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 Operation & Emergency Response**

Hazardous Waste Operations and Emergency Response (HAZWOPER) fulfills the initial classroom training requirements of the United States Occupational Health and Safety Administration's regulation 29CFR 1910.120, Hazardous Waste Operation and Emergency Response.

### **SFTY 5463 - Industrial Ventilation**

This course is a study of methods and techniques of industrial ventilation systems, including local exhaust systems as engineering controls for reduction of air-borne contaminants, as well as the basic concepts of heating, ventilation, and air-conditioning (HVAC) systems. Prerequisite(s): SFTY 2503 and graduate standing.

### **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 5920 - 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.

### **SFTY 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **SFTY 5940 - Field Study**

Credit will vary from 1 to 9 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.

### **SFTY 5960 - Institute In Safety**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **SFTY 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **SFTY 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **SPEECH/LANGUAGE PATHOLOGY (SLP)**

### **Donna Nigh Department of Advanced Professional & Special Services**

### **SLP 5013 - Foundations Of Speech-Language Pathology**

This course presents a survey of the principles, concepts and terminology fundamental to the professions of speech-language pathology and audiology.

### **SLP 5023 - Fluency Disorders**

This course includes a detailed examination of the nature and definition of fluency disorders (stuttering and cluttering). Theories regarding etiology and their implications for evaluation and treatment of fluency disorders are studied. Procedures for the evaluation of speech fluency, diagnosis, and treatment for different age groups are examined. Prerequisite(s): SLP 4713.

### **SLP 5112 - Speech And Hearing Science**

This course presents an advanced study of physical and physiological aspects of speech production and reception. Topics include analysis of acoustic signals and speech synthesis. Prerequisite(s): Permission required.

### **SLP 5232 - Communication Disorders Infant/Toddler**

This course presents an in-depth examination of high-risk infant/toddler development and implications for speech-language development. Topics 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. Prerequisite(s): Permission required.

### **SLP 5243 - Diagnostic Methods Speech-Language Pathology**

This course presents a detailed examination of the principles and procedures in diagnosis and evaluation of communication disorders. Special reference will be made to interpretation of medical/developmental history, application of standardized tests, informal methods of evaluation, and principles of caseload selection.

### **SLP 5252 - Advanced Normal Language Development**

This course provides a detailed description of linguistic, behavioral, cognitive and social factors in language development. Specific emphasis is placed on analysis and coding of morphologic, syntactic, semantic and pragmatic features in the language of children and adolescents. Prerequisite(s): Permission required.

### **SLP 5262 - Advanced Language Disorders**

This course provides 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. Topics include detailed study of various procedures for language treatment. Prerequisite(s): Written permission required.

### **SLP 5282 - Advanced Articulation Disorders**

This course provides an in-depth study of the principles and procedures for assessment and treatment of articulation and phonological disorders. Evaluation and treatment of oral-motor disorders, including apraxia and dysarthria, are also examined. Prerequisite(s): Permission required.

### **SLP 5292 - Aphasia II**

This course provides a detailed study of the procedures for evaluation and treatment of neurogenic communication disorders in adults including the aphasias, dementias, traumatic brain injury, and right-hemisphere syndrom. Prerequisite(s): SLP 5363, permission required.

### **SLP 5302 - Augmentative Communication**

This course examines the selection, development, and use of augmentative alternative systems of communication with severely communicatively handicapped individuals. Prerequisite(s): Written permission required.

## Graduate Course Descriptions

### SLP 5314 - Language Disorders

This course presents a detailed study of the nature of language disorders in children and adolescents, including etiologies, classification, assessment and treatment. Specific emphasis includes principles and procedures for application of standardized test instruments, language sampling and analysis, informal assessment and developing treatment strategies. Prerequisite(s): Permission required.

### SLP 5323 - Voice Disorders

This course presents an in depth study of anatomy and neurophysiology of the vocal mechanism and various voice disorders. The course includes evaluation and treatment techniques for hyper- and hypofunctional disorders, neurogenic disorders and clients with laryngectomy. Prerequisite(s): Permission required.

### SLP 5332 - Legal Aspects Speech-Language Pathology

This course presents a lecture series concerning the legal aspects related to the practice of Speech- Language Pathology. Topics include 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.

### SLP 5352 - Cleft Palate

This course presents an in-depth examination of the anatomy, embryology, and etiology and classification related to clefts of the lip and palate. Topics include the evaluation of the effects of cleft palate on speech and the evaluation and treatment of cleft palate speech. Prerequisite(s): Permission required.

### SLP 5363 - Aphasia I

This courses presents a detailed study of the neurological and physiological bases of neurogenic communication disorders Topics include evaluating the motor, cognitive, and communication features associated with the aphasias, dysarthrias, and apraxia. Prerequisite(s): Permission required.

### SLP 5372 - Neuroscience In Speech Language Pathology

This course is designed to examine the human nervous system at an advanced level with special emphasis on human communication. Terminology and conceptual tools for studying neurological structure and function of the somatosensory, visual, auditory, and motor systems are included in the examination of neuroscience. These concepts will be related to disorders of speech and language encountered by speech- language pathologists in their clinical work. Prerequisite(s): Permission required.

### SLP 5713 - Clinical Methods Speech-Language Pathology

This course examines the clinical foundations of speech-language pathology. Principles and procedures for the evaluation and treatment 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 5920 - 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.

### SLP 5930 - Individual Study

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### SLP 5940 - Field Study

Credit will vary from 1 to 9 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. 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.

## SOCIOLOGY (SOC)

### Department of Sociology, Gerontology, & Substance Abuse Studies

#### 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 5063 - Sociology of Gender

Sociology of Gender will acquaint students with the myriad of issues related to the development of gender roles in society and the stratification related to these roles found across history and culture.

#### 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. rerequisite(s): 9 hours of sociology.

#### SOC 5233 - Human Behavior/Social Environment

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.

## Graduate Course Descriptions

### **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 maladaptive behavior patterns. Matters of etiology, symptomology, and treatment techniques are examined with particular emphasis on research and theory. Prerequisite(s): Graduate standing in a program in the social and behavioral sciences, or in professional helping areas, and an introductory course in chemical dependency studies.

### **SOC 5513 - Contemporary Social Movements**

Contemporary Social Movements covers the tools for the analysis of social movements (collectivities engaged in promoting or resisting change within society).

### **SOC 5533 - Sociology of Death and Dying**

Sociology of Death and Dying examines the structural and interactional aspects of the phenomenon of death and the process of dying in modernity. This course includes, among other things, an analysis of the highly variegated attitudes and meanings related to death rituals, body disposal, professionalization of death work, significance of bereavement and grief, the medicalization and bureaucratization of death and dying, and the role of hospitals and hospices in the management of dying.

### **SOC 5573 - Sociology 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 Policy**

Social Welfare Policy will provide students with an understanding of state and federal social welfare policies and the impact they have on special populations (particularly those in poverty). In addition, students will learn the theoretical bases for social welfare policies and analyze them from economic, political, and human services perspectives.

### **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 5920 - 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.

### **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 5940 - Field Study**

Credit will vary from 1 to 9 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. Supervised practical experience gained in a professional field by an advanced or graduate student.

### **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. 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 5203 - Readings In Spanish Culture And Civilization**

Prerequisite(s): Eighteen hours of Spanish.

#### **SPAN 5223 - Advanced Spanish Grammar**

Prerequisite(s): Eighteen hours of Spanish.

#### **SPAN 5303 - Women Writing In Spanish 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.

## Graduate Course Descriptions

### **SPAN 5403 - Contemporary 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.

### **SPAN 5900 - Practicum In Spanish**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### **SPAN 5910 - Seminar / Special Topics**

Credit will vary from 1 to 4 hours. Subject matter will vary from within the department's field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of Spanish.

### **SPAN 5920 - 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.

### **SPAN 5930 - Individual Study In Spanish**

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 4 hours.

### **SPAN 5940 - Field Study In Spanish**

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### **SPAN 5950 - Internship In Spanish**

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.

### **SPAN 5960 - Institute In Spanish**

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### **SPAN 5970 - Study Tour**

Credit will vary. Subject matter will vary within the department's field of study.

### **SPAN 5990 - Thesis**

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## **SPECIAL EDUCATION (SPED)**

### **Donna Nigh Department of Advanced Professional & Special Services**

#### **SPED 5102 - Language Development In Special Education**

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.

#### **SPED 5123 - Teaching Individuals w/Disabilities**

This course addresses special education categories of disabilities, related legal mandates, parent rights, and the role of general and special educators in meeting the needs of students with disabilities. Special emphasis is placed on instructional and cognitive strategies to assist these students to succeed.

#### **SPED 5212 - Legal Aspects In Special Education**

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.

#### **SPED 5232 - Educational Strategies Young Child Disability**

Educational Strategies for Young Children with Disabilities is a study of the growth and development of typical and atypical young children. Included will be an identification of specific disabilities with selection of developmentally and functionally appropriate materials, equipment, environments, and teaching strategies. Prerequisite(s): SPED 4123 or 5123.

#### **SPED 5242 - Foundations Of Mild/Moderate Disability**

The Foundations of Mild/Moderate Disabilities course is designed to teach characteristics and etiology of disabilities including learning disabilities, mental retardation, emotional disturbance, other health impairment, autism, physical disabilities, etc. and to apply this knowledge to the mild/moderate needs of students with disabilities in educational settings. In addition, case studies and a variety of interventions will be explored to analyze and determine services needed. A research component will be required. Prerequisite(s): SPED 4123.

#### **SPED 5252 - Foundations Of Severe/Profound Disability**

The course is designed to assist students in developing proficiency in recognizing and understanding the historical, legal, and ethical history of children, preschool to secondary level, defined as needing extensive and ongoing supports. The content of this courses includes characteristics, roles, and interactions effects of and to friends, society and the family. Motor tic, emotional, cognitive, social, behavioral, physical, and health causes will also be explored. Prerequisite(s): SPED 4123.

#### **SPED 5303 - Assessment/Exceptional Individual**

This lecture and application course is an in-depth examination of educational evaluation instruments and their purpose. Emphasis is on a unified team approach of differential diagnosis and treatment. State and federal Special Education assessment mandates for grades K-12 will be covered.

#### **SPED 5322 - Trends & Issues In Special Education**

This course will address medical trends, litigation, legislation, controversial issues, curricular development and best practices in special education. It is designed to provide a means of investigation into the review of relevant research, societal changes and the impact on people included in this population. Prerequisite(s): SPED 4123 with a minimum grade of "C" or SPED 5123 with a minimum grade of "B".

#### **SPED 5402 - Program Development & Administration In Special Education**

This course involves the 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.

#### **SPED 5432 - Attention Deficit Hyperactive Disorders**

This course is designed to provide information regarding etiology and intervention techniques appropriate to assist individuals with attention deficit hyperactivity disorders. Techniques for assessment, effective research-based intervention, parent and counselor intervention will also be addressed. In addition, students will be exposed to information regarding medications and a variety of alternative treatments that have proven effective for some individuals with ADHD. Prerequisite(s): SPED 4123 with a minimum grade of "C" or SPED 5123 with a minimum grade of "B".

## Graduate Course Descriptions

### **SPED 5443 - Behavioral/Classroom Management**

This course is designed to provide behavioral and classroom management techniques for teacher candidates, parents, and therapists. The course emphasizes applied behavioral analysis, cognitive behavioral techniques, informal behavioral assessment, functional behavioral assessment, behavioral intervention plans, and a variety of interventions to change behaviors. Prerequisite(s): SPED 4123/5123 with a minimum grade of "B".

### **SPED 5452 - Curriculum Modification/Assistive Technology In Special Education**

This course will provide an overview of state and national requirements related to the instructional, assistive, and rehabilitation technology designed and adapted for students with disabilities. The emphasis of this course is on practical applications of technology and curriculum modification in helping students with disabilities gain independence in learning, communicating, and integrating into society together with the documentation required by the State of Oklahoma. Prerequisite(s): SPED 4123 with a minimum grade of "C".

### **SPED 5543 - Counseling Families Of Individuals with Disabilities**

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 5572 - Autism and Traumatic Brain Injury**

This course provides a study of the characteristics, etiology, evaluation, and identification of individuals with autism and/or traumatic brain injury. Research-based effective educational programs, assistive technology and other resources for individuals with autism and those with traumatic brain injury (TBI) will be emphasized. Collaboration and training of parents and professionals as required for the development of an individualized educational program will be examined. Prerequisite(s): SPED 4123 or 5123.

### **SPED 5582 - Secondary Special Education**

This course will include instruction in class organization, curriculum development and adjustment, and an introduction to methods and techniques of teaching middle and senior high school students with disabilities. Transition needs of students at this level will be emphasized along with the need for cooperation among agency and post-secondary service providers. Students may also be required to participate in a secondary field experience or service learning project. Prerequisite(s): SPED 4123.

### **SPED 5653 - Procedures For Mild/Moderate Learning Disabilities**

This course examines the characteristics, identification, evaluation, program options, and learning needs of students who possess normal intelligence but experience difficulties in the ability to think, read, write, listen, speak, spell, and complete mathematical calculations. Prerequisite(s): SPED 4123.

### **SPED 5693 - Procedures For Severe/Profound Physical Health Disabilities**

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 5743 - Procedures For Mild/Moderate Emotional Behavior**

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 - Procedures For Severe/Profound Emotional/Behavior**

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. Mental health principles for understanding, managing, and teaching individuals with emotional/behavior disorders are included. Emphasis is placed upon the academic, behavioral, emotional, and social needs of this severe-profound disabilities population. Prerequisite(s): SPED 4123 or 5123.

### **SPED 5763 - Procedures For Mild/Moderate Mental Retardation**

This course will introduce and investigate the learning needs of children diagnosed with mild educational needs. It will include a study of the history, diagnosis, characteristics classification, ideology, legal regulations, and classroom procedures that are implemented to improve the lives of students classified as mildly mentally retarded. Prerequisite(s): SPED 4123.

### **SPED 5773 - Procedures For Severe/Profound Mental Retardation**

This course will study the application of classification, assessment, ideology, and characteristics of students with severe-profound/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 at severe-profound levels. Prerequisite(s): SPED 4123 or 5123.

### **SPED 5842 - Curriculum Development Mild/Moderate Disability**

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 5852 - Curriculum Development Severe/Profound Disability**

This course will cover in detail integrated instructional settings, family interactions IEP, IFSP development, collaborative planning, effective behavioral supports, related services, functional independent living skills acquisition, cultural issues for children preschool to adulthood, who are taught in the public schools. A curriculum will be developed that is functional, relevant, and implemental. 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

### SPED 5920 - 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.

### SPED 5930 - Individual Study

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### SPED 5940 - Field Study

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

### SPED 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.

### SPED 5960 - Institute In Special Education

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

### SPED 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

### SPED 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## STATISTICS (STAT)

### Department of Mathematics and Statistics

#### STAT 5103 - Applied Experimental Design

Topics for this course basic concepts of experiments and experimental error, analysis of variance of one-, two-, and three-way classifications, and nonparametric statistics. Prerequisite(s): STAT 3103 with a minimum grade of "C".

#### STAT 5123 - Mathematical Statistics II

This course will introduce and investigate the central limit theorem, distribution about the mean, Student's-t, chi-squared, and Snedecor's F-distributions, point and interval estimation, hypothesis testing, regression and correlation analysis, and analysis of variance. Prerequisite(s): STAT 4113.

#### STAT 5213 - Applied Regression Analysis

Topics for this course will include multiple regression, logistic regression, survival analysis, proportional hazard models, and time series analysis. Data will be analyzed using SAS. Prerequisite(s): STAT 3103.

#### STAT 5253 - Quality Control

Topics in this course include random samples, frequency distributions of sample data, sampling distributions, sampling acceptance plans, rectifying inspection, and the general theory of control charts. Prerequisite(s): STAT 4113 or 5113 and 4303.

#### STAT 5263 - Computer Applications in Statistics

This course will include programming techniques, data organization, selection and interpretation of statistical tests as applied to SPSS (Statistical Package for Social Studies). Prerequisite(s): STAT 3013 with a minimum grade of C.

#### STAT 5303 - Non-Parametric Statistics

Topics in this course include distribution-free statistics, techniques of hypothesis testing with data drawn from a population that is not distributed in a particular manner, the binomial test, the sign test, the median test, the Cochran Q test. Prerequisite(s): STAT 3103 or 4113 or 5113.

#### STAT 5353 - Probability Theory

This course provides the student with a thorough treatment of the mathematical structure and application of probability. Topics include principles of combinatorics, the fundamentals of probability, conditional probability and independence, random variables, mathematical expectation, the Weak and Strong Laws of Large Numbers, and the Central Limit Theorem. Emphasis will be placed upon building a strong foundation for the more advanced study of probability and statistics. Prerequisite(s): STAT 4113.

#### STAT 5423 - Data Fitting

Topics in this course include fitting data to a linear equation, a polynomial, an orthogonal polynomial, and an exponential growth curve. Piecewise polygonal fitting will also be discussed. Prerequisite(s): CMSC 1613 and STAT 3103.

#### STAT 5513 - Statistical Consulting

In this course, students will provide statistical consulting services to clients from the community. Students will be working on-site, meeting with the clients, developing statistical questions, and collecting data. They will then analyze the data and prepare both written and oral reports to be given to the clients. Prerequisite(s): STAT 5103 or 5213 or 5253 or 5313.

#### STAT 5900 - Practicum In Statistics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### STAT 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### STAT 5920 - Workshop in Statistics

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.

#### STAT 5930 - Individual Study In Statistics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### STAT 5940 - Field Study In Statistics

Credit will vary from 1 to 9 hours. Subject matter will vary within the department's field of study.

#### STAT 5950 - Internship In Statistics

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.

#### STAT 5960 - Institute In Statistics

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

#### STAT 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

#### STAT 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 required.

#### STAT 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

## TEACHING ENGLISH AS A SECOND LANGUAGE

## Graduate Course Descriptions

### (TESL)

#### Department of Curriculum and Instruction

##### **TESL 5123 - Foundations Of Bilingual/Multicultural Education**

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 - Methods & Materials Bilingual Instruction**

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 - Teaching Reading To English Language Learners**

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 5212 - Cultural/Linguistic Diversity In Schools**

This course will examine the influence of culture and language on individual learning styles, behavior patterns and understanding of academic 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 - Testing/Evaluation In The Bilingual/ESL Classroom**

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 5413 - Language Structure For ESL Teachers**

This course provides practical as well as theoretical information related to the fundamentals of the structure of language as it pertains to the teaching and learning of English language learners in the school setting. Students will be able to apply their understanding of the underlying processes of the ability to produce and interpret oral and written language by developing and analyzing teaching strategies and materials for second language learners.

##### **TESL 5522 - Integrating Technology for English Language**

##### **Learners**

Integrating Technology for English Language Learners examines the potential role of microcomputers, the internet, and other contemporary technologies in the effective planning and delivery of 21st century curriculum. Primary emphasis is placed upon the appropriate use of technology to facilitate learning for English language learners.

##### **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 - Teaching English as Second Language**

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 5883 - Teachers as Researchers**

This course examines action research, an approach to research involving self-reflective, systematic inquiry by education practitioners for the purpose of studying and improving their own practice. Identification of problems to investigate, research design, data collection, data analysis, data interpretation and technical writing are presented. The ethics of action research with human subjects is addressed. Students plan and implement a practice-based action research project and report on the outcomes of their study. Students writing a thesis will complete the thesis proposal in place of the action research. Prerequisite(s): TESL 5763 and PTE 5013.

##### **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 5920 - 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.

##### **TESL 5930 - Individual Study**

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

##### **TESL 5940 - Field Study**

Credit will vary from 1 to 9 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. 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.



## Graduate Course Descriptions

### THEATRE ARTS (THRT) Department of Theatre Arts

#### 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 play 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 - History Of Theatre Beginning -1660

This course provides the student with a comprehensive survey of the development, important issue, 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 - History Of Theatre 1660-Present

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 5920 - 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.

#### THRT 5930 - Individual Study

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### THRT 5940 - Field Study In Theatre Arts

Credit will vary from 1 to 9 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. 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.

### UNIVERSITY COURSES (UNIV) University Courses

#### UNIV 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.

#### UNIV 5900 - Practicum

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### UNIV 5910 - Seminar / Special Topics

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### UNIV 5930 - Individual Study

Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### UNIV 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.

#### UNIV 5960 - Institute

Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

#### UNIV 5970 - Study Tour

Credit will vary. Subject matter will vary within the department's field of study.

#### UNIV 5990 - Thesis

Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

# INDEX



# Index

- About Edmond 5  
 About UCO 5  
 Academic Affairs 10  
 Academic Calendar 8  
 Academic Probation and Suspension 21  
 Academic Regulations 18  
 Academic Support Services  
     Academic Support 32  
     Technology Assistance 30  
 Accommodations  
     Residential 30  
 Adds, Drops and Withdrawals 20  
     Adds 20  
     Drops 20  
     Withdrawals from All Courses 20  
 Administrative Policy 2  
 Admission Categories 13  
 Admission Prior to Bachelor's Degree 14  
 Admission Standards 13  
 Admission to Graduate Studies 12  
 Adult and Higher Education, M.Ed.  
     Adult and Higher Education 45  
     Interdisciplinary Studies 47  
     Student Personnel 48  
     Training 50  
 Advisement 20  
 Application Process 12  
 Applied Mathematics, (M.S.)  
     Applied Mathematics & Computer Science 132  
     Mathematics 133  
     Statistics 134  
     Teaching 135  
 Art and Design Building 6  
 Assistantships  
     Teaching and Research 28  
 Athletic Training, (M.S.) 44  
 Auditing Courses 19  
 Bilingual Education/TESL 56  
 Biology, (M.S.) 136  
 Board Certified Behavior Analyst 87  
 Board of Regents  
     Regional Universities 10  
 Buddy's 6  
 Business, (M.B.A.) 36  
 Business Building 6  
 Center for Transformative Learning 6  
 Central Cafeteria 6  
 Changing Programs 19  
 Commencement Info 23  
 Communication, Events & Activities 30  
 Communications Building 6  
 Comprehensive Exams 23  
 Computer Science Building 6  
 Conditional Admission 13  
 Continuous Enrollment 23  
 Cost of Attendance 28—*See also* Tuition and Fees  
 Course Load Limits 19  
 Course Prefixes 167  
 Coyner Health Sciences Building 6  
 Creative Writing, (M.F.A.) 109  
 Crime and Intelligence Analysis, (M.A.) 110  
 Criminal Justice Mgmt & Admin., (M.A.) 111  
 Deadlines for International Students 15  
 Degree Requirements  
     Changes in requirements 18  
 Department Scholarships 29  
 Design, (M.F.A.) 95  
 Diplomas 23, 32  
 Disability & Rehabilitative Services 30  
 Drops 20  
 Early Childhood Education, (M.Ed.) 49  
 Educational Leadership, (M.Ed.) 50  
 Education Building 6  
 Elementary Education, (M.Ed.) 51  
 Engineering Physics, (M.S.)  
     Biomedical Engineering 138  
     Mechanical Engineering 140  
     Electrical Engineering 142  
     Physics 144  
 English Language Proficiency 15  
 English, (M.A.)  
     20th & 21st Century Studies  
         Film Emphasis 113  
         Literature Emphasis 114  
     Composition and Rhetoric 112  
     Creative Writing 115  
     Teaching English as a Second Language 116  
     Traditional Studies 117  
 Enrollment & F-1 Visa 15  
 Enrollment in New Graduate Programs 19  
 Enrollment Regulations 19  
     Adds, Drops, Withdrawals 20  
     Advisement 19  
     Changing Programs 19  
     Course-Load Limits 19  
     Enrollment Status 19  
     Exceptions and Waivers 22  
     Grade Appeals 21  
     Grading System 20  
     Honors and Awards  
         Graduation with Honors 22  
         President's Honor Roll 22  
     Prerequisites & Corequisites 21  
     Probation & Suspension 21  
     Repeating Courses 21  
 Enrollment Status 19  
 Entrance Examination Requirements 12  
 Equal Opportunity Statement 2  
 Evans Hall 6  
 Executive Officers 10  
 Family and Child Studies, (M.S.)  
     Family Life Education 54

# Index

- Infant/Child Specialist 52  
 Licensed Marriage & Family Therapist 53  
 Financial Aid 28  
   Enrollment Changes 28  
 Financial Information 28  
 Forensic Science Institute 7  
 Forensic Science, (M.S.) 149  
   Forensic Science-Biology/Chemistry 150  
 Gerontology 118  
 GPA Requirements 16  
 Grade Appeals 21  
 Grade Point Average 23  
 Grading System 20  
 Graduate Courses, types 18  
 Graduate Credit, types 18  
   Auditing Courses 19  
   Individual Study 19  
   In-Service Training 19  
   Internship Credit 19  
   Mixed Enrollment 18  
   Transfer Credit 19  
   Workshop Credit 19  
 Graduate Faculty 151  
 Graduate Management Admission Test (GMAT) 13  
 Graduate Record Exam (GRE) 13  
   Changes to the GRE 13  
   Degrees Requiring GRE 13  
 Graduation, applying for 22  
 Graduation, Procedures 22  
 Graduation Requirements 22  
   All Master's Degrees require 23  
   Application for Graduation 22  
   Commencement Ceremonies 23  
   Diplomas 23  
   Grade Point Average 23  
   Time to Degrees 23  
 Hamilton Field House 7  
 Health and Physical Education Building 7  
 History, (M.A.)  
   History 119  
   Museum Studies 121  
   Social Studies Teaching 152  
 History of UCO 6  
 Honors and Awards 22  
   E.C. Hall Graduate Scholar Award 22  
   Graduation with Honors 22  
   President's Honor Roll 22  
 Howell Hall 7  
 Human Environmental Science Building 7  
 I.D. Cards 32  
 Immunizations 12  
 Individual Study 19  
 In-Service Training 19  
 International grad students 14  
   Deadlines 15  
   English Language Proficiency 15  
   Enrollment & F-1 Visa 15  
   International Grades 15  
   International Internships 15  
 Internship Credit 19  
 Jackson College of Graduate Studies 10  
 Jazz Studies, (M.M.)  
   Commercial Music Production 105  
   Performance 106  
 Leadership 10  
 Liberal Arts Building 7  
 Liberal Studies (M.A.) 123  
 Library 7  
 Library Media Education, (M.Ed.) 55  
 Library Media Specialist Certification 78  
 Lillard Administration Building 7  
 Master Calendar 8  
 Max Chambers Library 7  
 Min GPA Requirements 16  
 Mission Statement 5  
 Mitchell Hall Theatre 7  
 Mixed enrollment 18  
 Music Building 7  
 Nigh University Center 7  
 Non-Degree Seeking Students 14  
 Nursing, (M.S.) 146  
 Nutrition and Food Management, (M.S.) 56  
   Dietetic Internship 57  
 Oklahoma State Regents for Higher Education 10  
 Old North 7  
 Parking 32  
 Political Science, (M.A.)  
   International Affairs 126  
   Political Science 125  
 Prerequisites or Corequisites 21  
 President's of UCO 6  
 Probation 21  
 Provisional Admission 14  
 Psychology, (M.A.)  
   Counseling 58  
   Experimental 60  
   Forensic Psychology 61  
   General Psychology 63  
   School Psychology 64  
 Public Administration (M.P.A.) 127  
 Reading, (M.Ed.) 67  
 Reading Specialist Certification 85  
 Readmission 14  
 Regular Admission 13  
 Repeating Courses 21  
 Research Assistantships 28  
 Residence Status 28  
 School Counseling, (M.Ed.) 68  
 School Counselor Certification 86

# Index

- School Principal Certification 84  
 School Psychometrist Certification 83  
 School Superintendent Certification 90  
 Second Master's Degree 23  
 Secondary Education 87  
 Senior Citizens Programs 29  
 Special Education, (M.Ed.)  
     Mild-Moderate Disabilities 72  
     Severe-Profound/Multiple Disabilities 73  
 Speech-Language Pathology Certification 89  
 Speech-Language Pathology, (M.S.) 74  
 State Regents (OSRHE) 10  
 Student Affairs Services 31  
 Student Conduct 30  
 Student (RCSA) Grants 29  
 Student Support Offices 31  
     Alcohol and Drug Abuse Prevention 33  
     Alumni Services 31  
     Career Support Services 31  
     Health Insurance 33  
     I.D. Cards 31  
     Immunizations 12 ,33  
     International Services 31  
     Multicultural Programs 32  
     Parking 32  
         Transportation & Parking Services 32  
     Postal Service 32  
     Public Safety 32  
     Risk Management 32  
     Student Affairs 31  
     Student Counseling 32  
     University Health Services 33  
     Violence Prevention Project 33  
 Student Support Services 29  
     Academic Support 29 ,32  
     Disability & Rehab Support 30  
     International Services 31  
     Student Testing 30  
     Technology Assistance 30  
 Substance Abuse Studies, (M.A.) 129  
 Suspension 21  
 Teacher Certification 78  
 Teaching Assistantships 28  
 Thatcher Hall ,7  
 Thesis 24  
     Continuous enrollment 23  
     Submission Requirements 25  
     Thesis Format Requirements 25  
     Thesis Summary Document 24  
 Time to Degrees 23  
 TOEFL Requirements 15  
 Transcripts 33  
 Transfer Credit 19  
 Tuition and Fees 28  
 Types of Admission 13  
 UCO Jazz Lab 7  
 Undergrads in Grad courses 18--*See also* Mixed enrollment  
 Undergrad Transcripts / Grades 15  
 University Center, Nigh 7  
 Veterans Assistance 29  
 Vocational Rehabilitation 29  
 Wantland Field and Stadium 7  
 Wantland Hall 7  
 Wellness Center 7  
 Wellness Management, (M.S.)  
     Exercise Science 75  
     Health Studies 76  
 Withdrawals 20  
 Workshop Credit 19  
 Y Chapel of Song 7