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<th>Fast Facts to Remember</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. A graduate student is considered full-time if he/she is enrolled in a minimum of <strong>NINE</strong> hours of graduate study for Fall or Spring semesters, and <strong>FIVE</strong> hours of graduate study for <strong>Summer</strong> semester.</td>
<td>14. All entering graduate students must provide a Plan of Study to the Jackson College of Graduate Studies and Research before the end of the first semester of their graduate enrollment.</td>
</tr>
<tr>
<td>2. Students who enroll for graduate credit without formal admission to—or permission of—the Jackson College of Graduate Studies &amp; Research, will be administratively dropped from enrollments and will receive no credit.</td>
<td>15. Graduate student admission to the Forensic Science Graduate Program is restricted to the <strong>Fall semester only</strong>. Graduate student admission to the Speech Language Pathology Graduate Program is restricted to the <strong>Summer semester only</strong>.</td>
</tr>
<tr>
<td>3. A Graduate Assistant (GA) or Research Assistant (RA) must be enrolled in at least <strong>NINE</strong> (9) hours of graduate study, or <strong>twelve</strong> (12) undergraduate hours or <strong>twelve</strong> (12) mixed enrollment hours whether he/she be a full, three-fourths or half time GA or RA.</td>
<td>16. Students on “academic probation” can enroll only for <strong>NINE</strong> graduate hours while on probation.</td>
</tr>
<tr>
<td>4. An international student or a student on a temporary visa to the USA <strong>CANNOT</strong> enroll as a non-degree student.</td>
<td>17. Students who are on “academic suspension” can enroll only in undergraduate courses and cannot enroll in graduate courses for at least one 16 week semester. A student applying for readmission after suspension must meet with the program/graduate advisor and the advisor must recommend readmission before the student can be re-instated after suspension.</td>
</tr>
<tr>
<td>5. The evaluations of and decisions about international student applications by the Jackson College of Graduate Studies and Research are <strong>FINAL</strong>.</td>
<td>18. Students who are “suspended” must appeal the suspension in writing for readmission to the Jackson College of Graduate Studies and Research for consideration by the Admission and Retention Committee of the Graduate Council within 30 days of receiving their suspension notification.</td>
</tr>
<tr>
<td>6. The international student must meet the deadline dates for both the program and international application as listed in the Graduate Catalog.</td>
<td>19. Students dismissed from the Jackson College of Graduate Studies and Research after one academic suspension and who are rejected for readmission are not eligible to enroll in any graduate program at UCO.</td>
</tr>
<tr>
<td>7. International students applying for assistantships or clerical employment must have a Social Security number and obtain clearance from the International Office regarding their eligibility for employment.</td>
<td>20. Students readmitted to the Jackson College of Graduate Studies and Research after one academic suspension continue to be on academic probation. Subsequent suspension from the Jackson College of Graduate Studies and Research results in dismissal, and students are not eligible to enroll in any graduate program at UCO.</td>
</tr>
<tr>
<td>8. A non-degree student can change student status to degree seeking <strong>only</strong> after one full academic year of graduate enrollment as a non-degree student. Exceptions are approved by the Graduate Dean.</td>
<td>21. All students who have completed the requirements for graduation <strong>MUST</strong> apply for graduation. The application form must be submitted to the Jackson College of Graduate Studies and Research, and a fee of $35.00 must be paid to the Bursar’s office, on or before the date listed in the course schedule. Failure to do so will result in the students graduating in the following semester.</td>
</tr>
<tr>
<td>9. Non-degree students, when admitted to a program, can transfer only <strong>NINE</strong> hours of graduate credit earned on non-degree status.</td>
<td>22. <strong>Deadlines</strong> for applying for graduation are:</td>
</tr>
<tr>
<td>10. Non-degree students do not qualify for financial aid.</td>
<td><strong>Fall Graduation</strong></td>
</tr>
<tr>
<td>11. Graduate students not enrolled for graduate courses for one year must apply for readmission to the Graduate College and must satisfy the program requirements at the time of readmission.</td>
<td><strong>Spring &amp; Summer Graduation</strong></td>
</tr>
<tr>
<td>12. A graduate student will be allowed only one intersession class per semester with a total of three intersession classes per academic year. Only <strong>three hours</strong> of intersession credit are allowed per semester.</td>
<td>23. Selected programs may admit students on a conditional basis. See page 19 for more information on Conditional Admission Status.</td>
</tr>
</tbody>
</table>
Introduction to UCO
College of Arts, Media & Design

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

Design - 1600
Ms. Rukmini Ravikumar, MFA
A&D 115A, 974-5210, rravikumar@ucok.edu

Master of Music (M.M.)

Music - 1610
Dr. Sion "Ted" Honea
MUS 009, 974-5642, thonea@ucok.edu

CAMD non-degree Code - 1999

College of Business Administration

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

MBA program - 2600
Ms. Dawna Terrell
BUS 100F, 974-2422, dterrell@ucok.edu

CBA non-degree code - 2999

College of Education & Professional Studies

Director of Graduate Advisement

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

Program Coordinators

Master of Education (M.Ed.)

Adult Education

TRAINING - 3680
Dr. Frank Nelson
HES 200B, 974-5804, fnelson@ucok.edu

GERONTOLOGY - 3681
Dr. Doug Reed
HES 200A, 974-5803, dreed@ucok.edu

Bilingual Education/TESL - 3702
Dr. April Haulman
LIB 144, 974-5139, ahaulman@ucok.edu

Early Childhood Education - 3630

(A-G) Dr. Paulette Shreck
LIB 145, 974-5721, pshreck@ucok.edu

(H-O) Dr. Jan Wetsel
LIB 154, 974-5134, jwetsel@ucok.edu

(P-Z) Dr. Lola Davis
LIB 142, 974-5721, ldavis@ucok.edu

Education Administration - 3600

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

Education Guidance & Counseling - 3610

Ms. Sherry Ward
LIB 128, 974-5290, sward@ucok.edu

Elementary Education - 3640

Dr. Shirlee Sullins
LIB 152, 974-5317, ssullins@ucok.edu

General Education - 3700

Mr. Robin Lacy
LIB 315, 974-5860, rlacy@ucok.edu

Instructional Media

APPLIED TECHNOLOGY - 3621
LIBRARY INFORMATION - 3622

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

Professional Health Occupations - 3690

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

Reading - 3740

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

Secondary Education - 3701

Dr. Bryan Duke
LIB 315, 974-5529, bduke@ucok.edu

Special Education - 3720

MILD/MODERATE - 3721: SEVERE/PROFOUND - 3722

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

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

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

Master of Arts (M.A.)

Psychology

COUNSELING - 3710

Dr. Lorry Youll
EDU 307G, 974-5676, lyoull@ucok.edu

GENERAL - 3713

Dr. Chalon Anderson
LIB 133, 974-5664, canderson@ucok.edu

EXPERIMENTAL - 3711

Dr. Bill Frederickson
EDU 307F, 974-5456, bfrederickson@ucok.edu

SCHOOL PSYCHOLOGY - 3712

Dr. Mary Sweet-Darter
EDU 307P, 974-5478, msweetdarter@ucok.edu

last update 3/23/06 pnp
Introduction to UCO

College of Education continued from page 5

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

**Human Environmental Sciences**

**Family and Child Studies**

- **Family Support Specialist - 3651**
- **Licensed Marriage & Family Therapist - 3652**
- **Family Life Education - 3653**
  
  Dr. Kaye Sears  
  HES 100D, 974-5786, ksears@ucok.edu

**Nutrition-Food Management - 3660**

Dr. Marilyn Waters  
HES 100B, 974-5805, mwaters@ucok.edu

**Speech/Language Pathology - 3730**

Dr. Scott McLaughlin  
LIB 315, 974-5297, smclaughlin@ucok.edu

**Wellness Management**

- **Exercise Science - 3670**
- **Health Studies - 3671**
  
  Dr. Donna Cobb  
  WH 102, 974-5230, dcobb@ucok.edu

**Certification**

**Teacher Certification**

- Mr. Bill Deering  
  EDU 207, 974-5710, bdeering@ucok.edu

**School Psychologist or School Psychometrist**

- Dr. Mary Sweet-Darter  
  EDU 307P, 974-5478, msweetdarter@ucok.edu

**Education Non-Degree code - 3999**

**College of Liberal Arts**

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

**Criminal Justice - 5630**

Dr. Sid Brown  
LAR 201B, 974-5271, sibrown@ucok.edu

Dr. Elaine Bartgis  
LAR 201D, 974-5533, ebartgis@ucok.edu

**History**

- **GENERAL - 5610**
- **MUSEUM STUDIES - 5611**
- **SOCIAL STUDIES TEACHING - 5612**
  
  Dr. Carolyn Pool  
  LAR 204 I, 974-5671, cpool@ucok.edu

**Political Science**

- **GENERAL - 5620**
- **INTERNATIONAL RELATIONS - 5621**
- **PUBLICAFFAIRS - 5622**
  
  Dr. Jan Hardt  
  LAR 102B, 974-5840, jhardt@ucok.edu

**Biology - 6600**

Dr. Jenna Hellack  
HOH 200H, 974-5773, jhellack@ucok.edu

Dr. Clark I. Ovrebo  
HOH 301D, 974-5783, covrebo@ucok.edu

**Engineering & Physics - 6630**

Dr. Ron Miller  
HOH 221B, 974-5471, rmiller@ucok.edu

**Forensic Science**

- **CRIMINALISTICS - 6610**
- **NURSING - 6611**
- **TECHNICAL INVESTIGATIONS - 6612**
  
  Dr. Dana Rundle  
  HOH 320E, 974-5510, drundle@ucok.edu

**Math & Science non-degree code - 6999**

**College of Mathematics & Science**

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

**Applied Mathematical Science**

- **Computer Science - 6620**
- **Mathematics - 6621**
- **Statistics - 6622**
- **Math/Computer Science Teaching - 6623**
  
  Dr. Charlotte Simmons  
  MCS 133, 974-5316, cksimmons@ucok.edu

**English**

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

**College of Education continued from page 5**

**Graduate Programs and Advisors**

6 Master’s Degrees, 23 areas, 47 options

**History**

- **GENERAL - 5610**
- **MUSEUM STUDIES - 5611**
- **SOCIAL STUDIES TEACHING - 5612**

   Dr. Carolyn Pool  
   LAR 204 I, 974-5671, cpool@ucok.edu

**Political Science**

- **GENERAL - 5620**
- **INTERNATIONAL RELATIONS - 5621**
- **PUBLICAFFAIRS - 5622**

   Dr. Jan Hardt  
   LAR 102B, 974-5840, jhardt@ucok.edu

**Biology - 6600**

Dr. Jenna Hellack  
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HOH 301D, 974-5783, covrebo@ucok.edu

**Engineering & Physics - 6630**

Dr. Ron Miller  
HOH 221B, 974-5471, rmiller@ucok.edu

**Forensic Science**

- **CRIMINALISTICS - 6610**
- **NURSING - 6611**
- **TECHNICAL INVESTIGATIONS - 6612**

   Dr. Dana Rundle  
   HOH 320E, 974-5510, drundle@ucok.edu

**Math & Science non-degree code - 6999**
Jackson College of Graduate Studies and Research

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

Dr. E. C. Hall guided the Graduate College from 1954 to 1970. Upon his retirement in 1970, Dr. Bill E. Fisher became Graduate Dean and served until 1984. After his retirement, Dr. John Michael Knight became Dean of the Graduate College and served through 1985. Dr. Knight returned to the classroom and was replaced by Dr. Paul Lehman, who served until 1988, when he also returned to the classroom. Dr. George Avellano served as Dean until 1996.

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

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

Dr. S. Narasinga Rao, Dean of Sponsored Research and Grants, became the Dean of the College of Graduate Studies and Research in 2000. Dr. William Radke assumed the post of Assistant Dean of the College. The College was renamed in April, 2002, to honor Dr. Joe C. Jackson, Vice President for Academic Affairs from 1951-1976. On July 1, 2002, Dr. Radke became Associate Vice President of Academic Affairs. Dr. Dan Endres assumed the post of Associate Dean of the Jackson College of Graduate Studies and Research. Dr. Dana Craig began serving as Assistant Dean, and Ms. Gerry Cherry was appointed Director of Grants. In January, 2003, Dr. Endres returned to the classroom. In July, 2003, Dr. Craig also returned to the classroom. Dr. John Garic assumed charge as the Associate Dean on July 1, 2003. Dr. John Barthell joined JCGS&R as Assistant Dean effective February 1, 2004. In August, 2005 Dr. John Barthell assumed the position of Interim Associate Dean of College of Math & Science and is set to become Dean in July, 2006. In August, 2005, Dr. Doug Reed was appointed Assistant Dean of the JCGS&R. Dr. John Garic will assume the duties of Interim Dean of the JCGS&R in July when Dr. Rao retires.

**Belief Statement**

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

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

**Specifics of the mission:**

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

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

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

The Jackson College of Graduate Studies & Research supports the University’s commitment to academic inquiry, excellence in teaching, and community service, consistent with the policies of the Board of Regents of Oklahoma Colleges.
# Introduction to UCO

Dr. 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 D. “Jimmy” Harrel,...................... 1908 - 1911
Joseph L. Parker .................................. 1908 - 1911

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

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# Governing Boards - Statement of Administrative Policy

Oklahoma State Regents for Higher Education

<table>
<thead>
<tr>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Paul G. Risser, Chancellor</td>
<td>1891 - 1893</td>
</tr>
<tr>
<td>Marlin “Ike” Glass, Jr.</td>
<td>Newkirk</td>
</tr>
<tr>
<td>John Massey, Vice Chairman</td>
<td>Durant</td>
</tr>
<tr>
<td>James D. “Jimmy” Harrel</td>
<td>Leedey</td>
</tr>
<tr>
<td>Joseph L. Parker</td>
<td>Tulsa</td>
</tr>
<tr>
<td>Cheryl P. Hunter, Chairman</td>
<td>Oklahoma City</td>
</tr>
<tr>
<td>Bill W. Burgess, Jr, Secy</td>
<td>Lawton</td>
</tr>
<tr>
<td>Carl R. Renfro</td>
<td>Ponca City</td>
</tr>
<tr>
<td>Ronald H. White</td>
<td>Oklahoma City</td>
</tr>
<tr>
<td>William Stuart Price</td>
<td>Tulsa</td>
</tr>
</tbody>
</table>

Board of Regents of Oklahoma Colleges

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steve Poag</td>
<td>Chickasha</td>
</tr>
<tr>
<td>Ann Holloway</td>
<td>Ardmore</td>
</tr>
<tr>
<td>Mark Stansberry</td>
<td>Edmond</td>
</tr>
<tr>
<td>Belva Howard</td>
<td>Tulsa</td>
</tr>
<tr>
<td>Joe Anna Hibler</td>
<td>Weatherford</td>
</tr>
<tr>
<td>Michael Thompson</td>
<td>Shawnee</td>
</tr>
<tr>
<td>Richard Ryerson</td>
<td>Alva</td>
</tr>
<tr>
<td>Dr. Sandy Garrett</td>
<td>Oklahoma City</td>
</tr>
<tr>
<td>Janice Gordon</td>
<td>Broken Arrow</td>
</tr>
</tbody>
</table>

UCO Presidents

<table>
<thead>
<tr>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Thatcher</td>
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<td>George W. Winans</td>
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</tr>
<tr>
<td>E.R. Williams</td>
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</tr>
<tr>
<td>E.D. Murdaugh</td>
<td>1895 - 1901</td>
</tr>
<tr>
<td>F.H. Umholtz</td>
<td>1901 - 1906</td>
</tr>
<tr>
<td>T.W. Butcher</td>
<td>1906 - 1908</td>
</tr>
<tr>
<td>James A. McLaughlin</td>
<td>1908 - 1911</td>
</tr>
<tr>
<td>Charles Evans</td>
<td>1911 - 1916</td>
</tr>
<tr>
<td>Grant B. Grumbine</td>
<td>1916 - 1917</td>
</tr>
<tr>
<td>J.W. Graves</td>
<td>1917 - 1919</td>
</tr>
</tbody>
</table>

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

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# Statement of Administrative Policy, UCO

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

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

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

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

Executive Officers
W. Roger Webb, J.D. ................................................................. President
Bill Radke, Ph.D ................................................................. Provost, Vice President for Academic Affairs
Pat LaGrow, Ph.D. ............................................ Vice Provost & Associate Vice President for Academic Affairs
Steve Kreidler, B.S ................. Executive Vice President and Vice President, Administration & Finance
Kathryn Gage, Ph.D ....................................................... Vice President, Student Services
Cynthia Rolfe, Ph.D. ........................................ Vice President, Information Technology
Myron Pope, Ed.D. ............................................................. Vice President, Enrollment Management

Academic Officers
John Garic, J.D.................................................. Interim Dean, Jackson College of Graduate Studies & Research
Gregory Wilson, Ph.D. ........ Interim Assoc. Dean, Jackson College of Graduate Studies & Research
John Clinton, Ph.D. ...................................................... Dean, College of Arts, Media & Design
Gayle Kearns, Ed.D. ................................................... Associate Dean, College of Arts, Media & Design
Lon Dehnert, Ph.D. .................................................. Assistant Dean, College of Arts, Media & Design
Michael R. Shirley, Ph.D. ................................................ Dean, College of Business Administration
Timothy Bridges, Ph.D. ........................................... Associate Dean, College of Business Administration
John Camey, Ph.D. ...................................................... Assistant Dean, College of Business Administration
James Machell, Ph.D. ................................................ Dean, College of Education and Professional Studies
Pamela Fly, Ph.D. ....................................................... Associate Dean, College of Education and Professional Studies
Donna Cobb, Ph.D. .................................................. Assistant Dean, College of Education and Professional Studies
Pamela Washington, Ph.D. .................................................. Dean, College of Liberal Arts
Gary A. Steward, Ph.D. .............................................. Interim Associate Dean, College of Liberal Arts
Linda Steele, Ph.D. ................................................... Assistant Dean, College of Liberal Arts
John Barthell, Ph.D. ...................................................... Dean, College of Mathematics & Science
Charles Hughes, Ph.D. ........................................ Associate Dean, College of Mathematics & Science
Wei R. Chen, Ph.D. ................................................... Assistant Dean, College of Mathematics & Science
Bonnie McNeely, Ph.D. ........................................ Executive Director, Max Chambers Library

Graduate Council
Chair, Dr. John Garic, Interim Dean, Jackson College of Graduate Studies and Research

Admissions & Retention Committee
Dr. Chindarat C. Shaw ... (2006)
Dr. Barbara Parrish ... (2008)
Dr. Dana Craig ... (2007)
Dr. Jere Roberson ... (2006)
Dr. Clark Ovrebo ... (2006)

Membership Committee
Ms. Rukmini Ravikumar ... (2008)
Dr. Warren Dickson ... (2007)
Dr. Jill Rooker ... (2009)
Dr. David Macey ... (2008)
Dr. Jesse Byrne ... (2008)

Curriculum Committee
Dr. Sam Magrill ... (2007)
Dr. Ralph Parrish ... (2006)
Dr. Jamie Hooyman ... (2008)
Dr. James Mock ... (2007)
Dr. David Bass ... (2007)

Ex officio:
Ms. Abby Warner, Liaison for University Libraries
Liaison for Academic Affairs
*Faculty Senate Representative
Liaison for AAUP
Introduction to UCO

College of Arts, Media and Design
Art .............................................................................................................................. Mr. Joseph Daun
Design .................................................................................................................. Mr. Larry Hefner
Music (School of) ............................................................................................... Dr. Jerry Smith
Theatre, Dance and Media Arts ........................................................................... Dr. Robert McGill

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

College of Education and Professional Studies
Advanced Professional Services ............................................................... (Interim) Dr. Pat Couts
Curriculum & Instruction .................................................................................. Dr. Paulette Shreck
Human Environmental Sciences ...................................................................... Dr. Tana Stufflebean
Kinesiology and Health Studies ....................................................................... Dr. Donna Cobb
Occupational & Technology Education ....................................................... Mr. Robin H. Lacy, Jr.
Professional Teacher Education ...................................................................... Dr. John Westerman
Psychology ........................................................................................................ Dr. Michael Knight
Special Services ................................................................................................ Dr. Donna Kearns

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

College of Mathematics and Science
Biology .................................................................................................................. Dr. Jenna Hellack
Chemistry ............................................................................................................ Dr. Cheryl Frech
Computing Science .......................................................................................... Dr. Hong Sung
Funeral Service .................................................................................................. Dr. Chris Burkey
Mathematics & Statistics .................................................................................. Dr. Charles Cooper
Nursing ................................................................................................................ Dr. M. Linda Steele
Engineering and Physics .................................................................................... Dr. Ronald Miller
Introduction to UCO

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

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

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

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

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

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

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

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

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

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

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

Academic Resources – Course Evaluations

Computer Labs
Computer labs for student use are listed as follows:
...

Course Evaluations
Students are encouraged to evaluate their courses online each semester utilizing The Student Perception of Instructional Effectiveness survey. The secure site allows students to evaluate courses at specific times between semesters by either of the following methods:

1. Go directly to http://Broncho.ucok.edu/iquest OR
2. Log in to UCONNECT and proceed to the My Courses page, inside left column (menu items). Click on the UCO Evaluations link. Evaluation help information is located at the link entitled UCO Evaluations Help.

If students encounter difficulty, technical support and course evaluation dates information are available by calling the Help Desk at 974-2255.

Faculty value student feedback and utilize it to revise their courses. Faculty will not have access to the results of the surveys until after final grades are submitted.


**Family Educational Rights and Privacy Act**

**Public Directory Information and Student Access to Official Educational Records**

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

- **Category I**: Student’s name, local and permanent address, e-mail address, home number(s), classification, dates of attendance at UCO, enrollment status (full time, half time, or less than half time).
- **Category II**: Major field of study/degree program, educational institutions previously attended, degrees and awards granted, educational background, degree(s) held and date(s) granted and institutions granting such degree(s).
- **Category III**: Date and place of birth, participation in officially recognized organizations, activities and sports weight and height of participants in officially recognized sports.

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

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

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

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

Attempts by other individuals or organizations to access student records without the express written consent of the student are considered a violation of University policy/federal law. Examples of violations include, but are not limited to: 1) illegally accessing information from student or faculty information terminals; 2) misrepresenting themselves to obtain another student’s transcript, semester grades, or class registration; 3) using a student’s I.D. number without his/her permission to gain access to other University services.

**Family Educational Rights & Privacy Act of 1974: Notice**

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

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

**Family Educational Rights and Privacy Act of 1974 - Access Rights**

The right of access shall include:

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

**Financial Aid for Graduate Students**

Service Representatives are available for assistance with general financial aid inquiries. Service Counselors are available for in depth assistance.

The UCO Office of Student Financial Aid is located in Room 141 of the Nigh University Center.

**Students’ Rights and Responsibilities Regarding Financial Aid**

**Rights - each student has the right to ask a school:**

- A. What is the cost of attending, and what is the policy on refunds to students who drop out?
- B. What financial assistance is available?
- C. What are the procedures and deadlines to submit applications for each available financial aid program?
- D. What criteria is used to select financial aid recipients?
- E. How does a school determine financial need?
- F. How and when do students actually receive the aid?
- G. When a student has been turned down for financial aid, will the school reconsider if a student’s financial circumstances have changed?
Introduction to UCO

H. How does the school determine whether the student is making satisfactory progress, and what happens if he is not?
I. To explain each type and amount of assistance in the financial aid package.

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

Financial Aid Application Procedures and Deadlines
Students are advised to apply as soon after January 1 as possible for best consideration for all aid programs.

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

General Eligibility Requirements
In order to be considered for Federal & State financial aid, students must complete the FAFSA and meet certain eligibility requirements. Some of these requirements are listed below:
1. Be a citizen or eligible non-citizen of the United States.
2. Be accepted and enrolled at least half time as a regular student in a degree or certificate program at UCO.
3. Must not be in default or owe a repayment to any federal program.
4. Meet UCO Satisfactory Academic Progress requirements.

Cost of Attendance
The Cost of Attendance is used to determine the maximum amount of funding you are eligible to receive. Please note these costs may vary from school to school. The Cost of Attendance includes allowances for Tuition & Fees, Room & Board, Books, and miscellaneous needs for the period you are requesting assistance. The allowance for Room & Board may vary depending on where a student lives while attending college (OFF-Campus, ON-Campus, or with PARENTs). The tuition allowance will be based upon enrollment status (Full, Three-quarter, or part-time). For planning purposes the following three budgets are offered as estimates of reasonable expected expenses as of April, 2005:

<table>
<thead>
<tr>
<th>Oklahoma Resident - Graduate</th>
<th>Off Campus</th>
<th>On Campus</th>
<th>With Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees</td>
<td>2840</td>
<td>2840</td>
<td>2840</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>6300</td>
<td>4206</td>
<td>1750</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>4450</td>
<td>3380</td>
<td>3380</td>
</tr>
<tr>
<td>Total</td>
<td>14,390</td>
<td>11,226</td>
<td>8,770</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-Resident - Graduate</th>
<th>Off Campus</th>
<th>On Campus</th>
<th>With Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees</td>
<td>6740</td>
<td>6740</td>
<td>6740</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>6300</td>
<td>4206</td>
<td>1750</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>4050</td>
<td>3380</td>
<td>3380</td>
</tr>
<tr>
<td>Total</td>
<td>17,890</td>
<td>15,126</td>
<td>12,670</td>
</tr>
</tbody>
</table>

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

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

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

Self Service Options

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

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

Forms Outlet/Drop box - Forms turn-in after hours.

Media Room – This computer lab is available to students who would like to gain access to the Internet to electronically apply for aid and/or complete loan Entrance and Exit Counseling, sign MPN and print UCO FA Forms.

Disbursement of Aid

Federal funds (Stafford and FUSL) will be applied to your Bursar account. Funds in excess of direct cost to the University (tuition, fees, and housing) will be released beginning the first week of the term. For purposes of receiving student loan funding at UCO, the disbursement date listed on the Notice of Loan Guarantee & Disclosure Statement refers to the date funds are sent to UCO. The release date refers to the date funds are available for release to your Bursar account. After the initial release period, funds will be released on a weekly basis.

Changes in enrollment, your housing plan or securing additional resources after aid has been awarded and/or disbursed may constitute a re-evaluation of eligibility that could warrant repayment of funds previously received or credited to your account.

For the release of aid, we highly recommend that you sign up for Direct Deposit. This process allows funds to be deposited directly into your banking account. If you are interested in this process, please contact the Bursar’s Office. For those who did not select the option of direct deposit, checks will be sent to your mailing address; therefore, we encourage you to make sure your mailing address is correct.

Satisfactory Academic Progress–Financial Aid

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

Repayment

A student who withdraws from the university may owe a pro-rated repayment for federal financial assistance received for that semester. The amount of the repayment will be contingent on the time of withdrawal and the amount of assistance received. If the student received a student loan, an exit interview must be completed.

I.D. Cards

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

Information Technology

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

Liability and Responsibility Notice

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

Living Accommodations

Family/Graduate Housing

The Broncho Apartments opened in the fall of 1961. The first unit, comprised of three traditional buff brick buildings, provided 24 one and two bedroom units. Due to increasing demands for housing of this type, the college constructed an additional 134 units. These apartments are reserved for full-time graduate students or other students with families.

Residence Halls/Suites/Apartments

Residential living on campus began in the second semester of 1936 when two residence halls, Thatcher Hall and Murdaugh Hall, were opened. Currently, the University of Central Oklahoma offers two traditional residence halls to single students who wish to live on campus: West Hall (women) and Murdaugh Hall (men). UCO also offers two unique living options, University Suites (men and women) and University Commons (men and women). To be eligible for residence in university housing, an individual must be enrolled as a student at UCO and carrying at least eight...
undergraduate or six graduate hours. (Summer Semester: six undergraduate or three graduate hours.)

The Residence Life Staff, the Residence Hall Association, and the Hall Councils develop social and educational activities for all residential students. These activities provide opportunities to meet new neighbors while building a community atmosphere within each residential facility. Residents are encouraged to become involved in these organizations and activities to enhance University of Central Oklahoma Undergraduate Catalog 2005-2006 their college experience. As an additional service, desk operations are conducted to distribute recreational equipment, answer questions, and offer assistance. Rooms in West and Murdaugh are set up for double occupancy and contain two single beds, two closets, two desks with chairs, two dressers, and a mirror.

University Suites features two-person units with bath, four person suites with two bedrooms and a connecting double bath, and four person, private bedroom, apartment style units with two baths and a galley kitchen. University Commons offers apartment style living in fully furnished two-and four-bedroom apartments with private bathrooms, bedrooms, a living room, kitchen and laundry space with washers and dryers provided.

West, University Suites, and University Commons each have handicapped accessible rooms for students with special needs. All residential facilities are smoke free. Rooms in each facility are equipped with local telephone service. Residents must provide their own touch-tone phone. Each room is cable ready, and residents may contract with the local cable company for service.

For residents’ convenience, meals may be taken at Central Cafeteria or the University Suites Food Court. A variety of meal plan options allow students to choose a plan best suited to their needs.

Central Plaza is UCO’s newest residence hall. The facility features spacious rooms with private bathrooms and queen sized beds. Central Plaza also features a coffee bar, cafeteria, and large lounge areas with wireless internet.

Murdaugh Hall is named for UCO’s fourth president, Dr. E. D. Murdaugh, and houses approximately 290 students. It is an air conditioned, three-story structure of fire proof brick and reinforced concrete. Murdaugh’s lobby is large and inviting with comfortable furniture throughout and cable TV. The recreation room, located in the adjacent lobby, contains snack machines, a pool table, and a ping-pong table. The hall also offers laundry facilities, a microwave oven, games, and a music room with a piano.

Rooms in Murdaugh Hall feature a sink and walk-in closets. Two large community baths per floor provide showers, bathtubs, toilets, and lavatories. Murdaugh Hall is just south of West Hall.

West Hall is a traditional, air-conditioned residence hall which can house 452 women. Six bathroom areas provide showers, bathtubs, shampoo bowls, lavatories, and toilets. There are also laundry areas available for the residents. A lounge area features comfortable chairs, sofas, cable TV, a pool table, beverage/snack machines. As an alternative gathering place, the recreation room contains tables and chairs, and a ping-pong table. An enclosed patio area may be used for parties, dances, or sunbathing. West Hall is located on the northwest end of campus, near the W. Max Chambers Library.

University Suites is UCO’s newest residential facility. It opened in the Fall of 2001 and houses approximately 302 students. Each unit features private phone lines for each resident, individual data ports, heat and air conditioning controls in each unit, movable furniture, and bunkable beds. The building contains a computer lab, mailboxes, TV lounge, elevator, vending machines, and the University Food Court.

University Commons Apartments opened in the Fall of 1999. They consist of multiple buildings, which contain fully furnished two-and four-bedroom apartments. Each apartment offers private bathrooms, bedrooms, a living room, kitchen and laundry space, with washers and dryers provided. The nearby Commons Clubhouse is a 3,000 square foot community building housing a large meeting/activity room, an information desk, staff office, computer lab, TV lounge, recreation room, vending room, and other amenities.

Location

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

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

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

Parking

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

Scholarships

Department Scholarships

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

Senior Citizens

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

Student Services

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

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

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

The Writing Center

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

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

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

Scholarships - Student Services

Counseling Center

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

Multicultural Student Services

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

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

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

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

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

Students with Disabilities

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

Students with disabilities who require accommodations may contact the campus Disability Support Office (Nigh University Center, Room 309, Ext. 2549) to request assistance. Students must provide documentation regarding their disabilities and request for accommodation to the Equity/Affirmative Action Office prior to receiving services. Reasonable accommodations are based on the individual needs of the student.
### Introduction to UCO

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

For further information, contact the office in the Administration Building, Room 309, or at (405) 974 2549.

### Transcripts (Official) Free of Charge

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

Written requests should be submitted to the:

- University of Central Oklahoma
- Academic Records
- 100 N University Drive, Box 151
- Edmond, OK 73034-5209

or Fax request: (405) 341-4964.

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

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

### Veteran Assistance

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

### Vocational Rehabilitation

A Vocational Rehabilitation office is located at 1701 E. 2nd Street, Suite C, Edmond, OK, (405) 341 1400. All students seeking vocational rehabilitation assistance must be processed and cleared through that office each term. Please contact this office directly about eligibility requirements.
Admission to the
Dr. Joe C. Jackson
College of Graduate Studies and Research
<table>
<thead>
<tr>
<th>Admission to Graduate Studies</th>
<th>Admissions - Advisement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants must submit the following to the Jackson College of Graduate Studies and Research, Room 404, Nigh University Center:</td>
<td>If a student has not been enrolled for one full year, he/she must apply for readmission to the Jackson College of Graduate Studies, and must meet the program requirements at the time of the later application.</td>
</tr>
<tr>
<td>1. UCO application packet for Graduate Admission.</td>
<td>Admission on Conditional Status</td>
</tr>
<tr>
<td>2. Two (2) letters of Recommendation (only if required by the program).</td>
<td>Selected Graduate Programs of Study allow conditional admission provided certain criteria are met:</td>
</tr>
<tr>
<td>3. Official copies of undergraduate and graduate transcripts from each institution attended, with all degrees posted. The bachelor's degree must be from an accredited institution.</td>
<td>• Students must have an overall undergraduate grade point average (GPA) of at least 2.50.</td>
</tr>
<tr>
<td>4. $25.00 application fee for the following students who:</td>
<td>• Students must meet all other pre-admission requirements, as defined by the Graduate College and the Program.</td>
</tr>
<tr>
<td>a. Are new and first time to UCO;</td>
<td>• Students must have all applications for admission to this status approved by the Department/School Program/Graduate Advisor. Such approval must be in written form, one signed copy of which is retained in the student file, one copy of which is retained by the student, and one signed copy submitted to the Graduate College.</td>
</tr>
<tr>
<td>b. Have not been enrolled at UCO for one year or longer;</td>
<td>• Students must take 8-10 (3 courses minimum) pre-approved graduate credit hours while in the status of a Conditional Admission student.</td>
</tr>
<tr>
<td>c. Are moving from special admission to regular admission, regardless of whether they have been continuously enrolled;</td>
<td>o The graduate/program advisor will specify which courses must be completed during this status.</td>
</tr>
<tr>
<td>d. Are moving from regular undergraduate admission to application for graduate admission:</td>
<td>o The student must submit a copy of said requirements (signed by both the advisor and student) to the Graduate College.</td>
</tr>
<tr>
<td>e. Were academically suspended or suspended for disciplinary reasons and are applying to return to UCO, regardless of length of dismissal.</td>
<td>o These graduate courses offered for letter grades must not include electives.</td>
</tr>
<tr>
<td>5. Transcripts reflecting a minimum undergraduate GPA of 2.50 (or higher if program requires) from an accredited institution.</td>
<td>o These specified graduate credit courses must be completed within 3 consecutive semesters (including summer term) after the first graduate enrollment.</td>
</tr>
<tr>
<td>6. Any other program requirements.</td>
<td>• To be admitted to the desired graduate program, the student must earn a GPA of 3.25 or better with no grade lower than “B” for the 8-10 hours attempted while on Conditional Admission status.</td>
</tr>
<tr>
<td>The application packets are available at the Jackson College of Graduate Studies and Research, and are on the university website at <a href="http://www.ucok.edu/graduate/index.htm">http://www.ucok.edu/graduate/index.htm</a></td>
<td>• No student will be allowed to self-enroll while in the Conditional Admission status until after grades are posted and without approval of the Advisor.</td>
</tr>
<tr>
<td>The undergraduate GPA will be used to evaluate eligibility for regular graduate admission. If an applicant does not meet the GPA admission requirements of 2.50 for non-degree admission or program requirements as listed, he/she may take additional undergraduate courses to raise the undergraduate grade point average and then apply for admission to graduate studies when the minimum overall GPA for the program has been achieved OR the student may be conditionally admitted if the program so desires. If undergraduate prerequisites are needed as recommended by the Graduate Advisor, the student must complete the undergraduate prerequisites first.</td>
<td>• Regular Graduate College admission standards and criteria will not be changed by this recommendation.</td>
</tr>
<tr>
<td>The student and the graduate advisor will work out a formal Plan of Study during the student’s first semester of graduate work. A signed, completed copy of this plan of study must be filed with the advisor and the Jackson College of Graduate Studies and Research before completion of the first semester.</td>
<td>A student in the status of a Conditional Admission Graduate student must meet all other criteria as a regular student, except the minimum GPA required for his/her Graduate Program of Study.</td>
</tr>
<tr>
<td>The student is admitted for the semester in which he/she applied. If the student does not enroll for that semester, he/she must request in writing to defer his/her admission to the following semester within 30 days after the semester starts, or reapply the following semester.</td>
<td>Advanced Standing Examinations</td>
</tr>
<tr>
<td>Advanced Standing Examinations may not be taken for graduate credit.</td>
<td>Admisison on Conditional Status</td>
</tr>
<tr>
<td>Advisement</td>
<td>Selected Graduate Programs of Study allow conditional admission provided certain criteria are met:</td>
</tr>
</tbody>
</table>
| Advisement of graduate students is the responsibility of the Graduate Advisor for each separate graduate degree program. Once the student has been fully admitted, he/she must meet with the graduate advisor from the selected

If a student has not been enrolled for one full year, he/she must apply for readmission to the Jackson College of Graduate Studies, and must meet the program requirements at the time of the later application.
Admission Information

program to develop a plan of study. It is important that the student work closely with the advisor to ensure that program requirements are met.

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

Auditing Courses

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

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

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

Changes in Degree Requirements

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

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

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

The plan of study, once approved and agreed upon, will not be changed by succeeding changes in the degree program without agreement by both the student and the advisor. Students who have not enrolled for one year will be required to meet current degree standards.

Comprehensive Exam

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

Correspondence Courses

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

Auditing Courses - Electronic Delivery Courses

Course Load Limits

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

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

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

Credit Hour Requirements

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

Degrees

The University of Central Oklahoma offers the following degrees:
• Master of Arts
• Master of Business Administration
• Master of Education
• Master of Fine Arts
• Master of Music
• Master of Science

Diplomas

Students who complete degree requirements will receive diplomas by mail approximately six weeks following the last day of the semester in which they graduated.

Electronic Delivery of Courses

Credit offered electronically by UCO is residence credit. Students working toward graduate degrees at UCO may be permitted to apply credits from other institutions, earned via electronically transmitted courses, as transfer credits, provided the courses apply to the program and are approved by the Graduate Advisor.
Enrollment

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

Students should refer to the Class Schedule to determine dates and times of enrollment, payment and late fee dates, thesis deadline dates, application for graduation dates, and other enrollment information.

Enrollment Status (Full time, Three Quarter time, Half time)

The Jackson College of Graduate Studies and Research uses the following schedule when determining full time, three-quarter time, or one-half time graduate student status:

Full time:
- Spring & Fall semesters: 9 graduate hours/12 mixed graduate and undergraduate hours
- Summer semester: 5 graduate hours/9 mixed graduate and undergraduate hours

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

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

Exceptions and Waivers

Exceptions or waivers to any Graduate Studies requirement must be formally requested in writing and approved by the Graduate Advisor, the Chair of the Dept., Dean of the College and the Graduate Dean.

Grading System

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

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

Grades used in calculating Grade Point Average (GPA)

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

Grades not used in calculating Grade Point Average

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

Symbols Used to Indicate Course Status

P—Passing: for workshops, student teaching, activity/physical education courses, extra-institutional examinations, and completion of thesis.

S—Satisfactory: for 0-level (non-collegiate and/or developmental) courses.

U—Unsatisfactory: for 0-level (non-collegiate/developmental) and activity/physical education courses. Indicates the student’s level of understanding is not sufficient to take the next level of course work.

F—Failure: when students complete the term but fail to meet minimum standards for passing. Also given when students discontinue class attendance and do not formally drop or withdraw. An “F” grade is also assigned by the instructor when a student is failing the course and is allowed to drop or withdraw after the established deadlines.

I—Incomplete: used by written agreement between instructor and student on bottom section of Grade Change form to indicate that specific additional work is necessary to complete a course. The “I” must be made up within one year of the semester for which it was recorded.

W—Withdrawal: a grade of “W” is recorded when a student initiates a withdrawal by the established deadline. This grade may be assigned for a student who is allowed to drop or withdraw beyond the established deadline and who is considered to be passing the course.

N—Not Reported: Instructor failed to submit grades by the established deadline.

AUDIT—when students formally audit classes.

AUD-U—when a student enrolled for audit but did not meet the instructor’s attendance and/or participation requirements for auditors. All courses require permission from the class instructor to audit.

Grade-point Average

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

### Grade Appeal Process

In cases where a student wished to appeal a grade, his/her first step should be direct discussion with the faculty member and the department chairperson/school director in an attempt to resolve the matter informally. Contact with the faculty member and department chairperson/school director should be made within the first four class weeks of the next semester in which the student is enrolled after that in which the grade was assigned; but no later than one calendar year after the grade was assigned. If those meetings do not bring about a resolution, the student may petition to have their case reviewed by the University Academic Appeal Board.

For more information, please review the following link: [http://www.busn.ucok.edu/academicaffairs/grade_appeal_process_for_student.htm](http://www.busn.ucok.edu/academicaffairs/grade_appeal_process_for_student.htm)

### Graduate Credit

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

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

### Graduate Management Admissions Test (GMAT)

The GMAT is required for all students seeking an MBA degree at UCO. Test scores must be submitted before the student will be admitted to the program. The computer version of the GMAT is offered every day except Sundays, holidays and the first two days of the month at the 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 Prometric at 405-843-8378 or 1-800-473-2255.

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

### Admission Information

<table>
<thead>
<tr>
<th>Degree</th>
<th>Minimum Combined Score or Index</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biology (M.S.)</strong></td>
<td>Minimum combined score of 1000</td>
</tr>
<tr>
<td><strong>Criminal Justice (M.A.)</strong></td>
<td>An index calculated by a combination of GRE and GPA as listed on the program page.</td>
</tr>
<tr>
<td><strong>Forensic Science (M.S.)</strong></td>
<td>Minimum combined score of 1,000 on any two subscales. The analytical conversion formula is shown in the Forensic Science program information.</td>
</tr>
<tr>
<td><strong>Political Science (M.A.)</strong></td>
<td>An Index calculated by a combination of GRE and GPA as listed on the program page and 3.5 or higher on the written assessment.</td>
</tr>
<tr>
<td><strong>Psychology (M.A.)</strong></td>
<td>Minimum combined score of 900 on the verbal and quantitative tests or 3.5 or higher on the written assessment.</td>
</tr>
</tbody>
</table>

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

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

### Graduation -- Application for Graduation

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

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

### Application Deadlines

<table>
<thead>
<tr>
<th>Date</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 15</td>
<td>Fall Semester</td>
</tr>
<tr>
<td>February 15</td>
<td>Spring &amp; Summer Semesters</td>
</tr>
</tbody>
</table>

Application deadlines are based on the availability of test centers, call Prometric at 405-843-8378 or 1-800-473-2255.

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

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

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

Graduation with Honors

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

President's Honor Roll

Graduate students who earn all "A's" in a semester in which they complete nine or more semester hours of residence graduate work are eligible to have their names listed on the President's Honor Roll. This award is made through the President's office.

Outstanding Graduate Student

The "Outstanding Graduate Student" award began in 1982-83. The awardee is chosen by the Admission and Retention Committee of the Graduate Council from the nominations by the Graduate Faculty.

The award is based on the following criteria:

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

b. The other considerations include participation in campus organizations, on-campus activities, community service, honors and awards, research, creative, and scholarly activities.

The E. C. Hall Graduate Award

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

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

Hours to Graduate

All master's degrees at the University of Central Oklahoma require a minimum of 32 graduate hours. Many graduate programs require more than 32 hours, so each student must be guided by the degree requirements for each program. Refer to the section of the Graduate Catalog which describes the degree requirements for each graduate program. If, in the opinion of the advisor, the student is deficient in certain areas, additional course work may be mandated by the advisor.

Incomplete Grades

The course instructor and the student will use the bottom section of the Grade Change form to outline the agreement regarding the incomplete work to be done.

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

Individual Study & Directed Reading

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

In-Service Training

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

International Graduate Students

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

- **Fall semester**: April 1st
- **Spring semester**: November 1st
- **Summer semester**: July 1st
- **April 1st**

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

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

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

To be eligible for admission to graduate studies through the Jackson College of Graduate Studies and Research, international students must have a bachelor’s degree or a master’s degree from their host country. International students with a three-year bachelor’s degree may be admitted on a probationary basis and will be evaluated on an individual basis.

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. The applicant must submit a score of 550 or higher on the Test of English as a Foreign Language (TOEFL) paper exam, or 213 computer exam. UCO will also accept an International English Language Testing System (IELTS) score of 6.5 in the place of the TOEFL. A student not meeting the 550 requirement, may furnish proof of a TOEFL score of 500 or higher, plus proof of subsequent completion of a minimum of 12 weeks of study at an English language school operated by an institution of higher learning, or a private English language school approved by the Oklahoma State Regents for Higher Education.

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

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

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

International student inquiries and requests for application packets should be made to the JCGS&R, NUC, Rm. 404, UCO, 100 N University Dr., Edmond, OK 73034, 405-974-3341. E-mail: gradcoll@ucok.edu

Intersession Credits

Intersession courses are offered between semesters in short sessions of one to two weeks. Graduate students shall be allowed only one intersession class per semester with a total of three intersession classes per academic year. Only three hours of intersession credit are allowed per semester. During Summer, a student may enroll in no more than 9 credit hours including May intersession.

Internship

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

New Graduate Programs

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

Non-Degree-Seeking Students

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

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

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

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

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

Non-degree students must have their enrollment worksheet stamped by JCGS&R and then enroll in person. Online enrollment is not permitted.

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

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

Prerequisites

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

**Probation and Suspension (Academic)**
Graduate students must maintain an overall graduate grade point average of 3.00 or higher to remain in "good academic standing" with the University and the Jackson College of Graduate Studies & Research.

A student, regardless of admission status, may be placed on academic probation if:
1. The student has completed nine graduate hours, and
2. The student's cumulative graduate grade point average (GPA) falls below 3.00.

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

Whether or not a student has ever been on probation or has completed nine graduate hours, any student will be placed on suspension whose cumulative graduate GPA falls below 3.00. No graduate classes may be taken for at least 16 weeks while a student is suspended, awaiting adjudication from the Graduate Council.

Any graduate student applying for readmission after suspension must meet with the program/graduate advisor and the advisor will make a recommendation for readmission or dismissal in writing to the Graduate College before the student can be considered for readmission after suspension by the Admissions and Retention Committee of the Graduate Council.

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

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

**Repeating Courses**
If a graduate course is repeated to enhance the grade, both grades will be used in calculating the graduate grade point average. No course may be counted toward more than one degree.

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

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

**Second Master’s Degree**
An official transcript from a U. S. accredited institution with a master’s degree posted is required for admission.

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

**Special Requirements for Continuous Enrollment**

**Master’s Thesis, Creative Writing Project, Applied Mathematics Project**

All programs involving a thesis or special project require continuous enrollment in 5990 (thesis) or 5980 (Applied Mathematics project), until the requirements for the degree are completed.

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

**Student Creative Research Grant Program**

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

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

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

**Thesis**

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

Any graduate student who submits a thesis in partial fulfillment of requirements toward a master’s degree must publicly defend the thesis. Public defense, with a representative from the Graduate Council present at the defense, is required for graduation.

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

After public defense, a student must submit to the Jackson College of Graduate Studies and Research:

1. a title page,
2. an original signature page with all signatures of thesis committee members, and
3. an abstract of the thesis.

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

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

**Time to Degree**

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

**Transfer Credit**

A maximum of 9 (nine) semester hours of transfer graduate credit from a U. S. accredited, degree granting institution may be applied toward a graduate degree program at the University of Central Oklahoma. These 9 hours may be applied only if they contribute to the program and are on the plan of study. The courses must be approved by the Graduate Advisor, the College Dean, and the Dean of the Jackson College of Graduate Studies and Research.
<table>
<thead>
<tr>
<th>Admission Information</th>
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<tbody>
<tr>
<td>Some programs require that transfer students present a letter to the program advisor, prior to enrollment, indicating that the student is in good academic standing with his/her former institution. If the courses are used to satisfy degree requirements at another university, they cannot apply toward a degree at UCO. All graduate courses taken at other accredited institutions, regardless of applicability to current program, must be transferred to the University of Central Oklahoma and included on the student's academic record. Only those courses approved by the Graduate/Program Advisor for transfer will count toward the calculation of the GPA.</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Transcript with Degree - Workshop Credit</th>
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<tbody>
<tr>
<td>Transcripts reflecting degrees earned will be available approximately three weeks after the end of the semester in which the student earned the degree.</td>
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<table>
<thead>
<tr>
<th>Mixed Enrollment - Undergraduates in Graduate Programs</th>
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</thead>
<tbody>
<tr>
<td>UCO seniors are eligible for concurrent, or mixed undergraduate and graduate enrollment in their final semester before undergraduate graduation, providing they meet the established criteria:</td>
</tr>
<tr>
<td>1. Certified by their undergraduate advisor to be enrolled in the final semester for a bachelor’s degree.</td>
</tr>
<tr>
<td>2. Total enrollment (undergraduate and graduate) may not exceed 16 hours.</td>
</tr>
<tr>
<td>3. Overall undergraduate grade point average (GPA), must be 3.00 or higher.</td>
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<tr>
<td>4. No more than one graduate enrollment (8 hours maximum) will be permitted before the undergraduate degree has been posted to the transcript.</td>
</tr>
<tr>
<td>Students wishing to apply for concurrent enrollment must complete an application to the Graduate College and the Mixed Enrollment form, available in the Jackson College of Graduate Studies and Research.</td>
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<tr>
<th>Workshop Credit</th>
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<tbody>
<tr>
<td>No more than two (of the total) hours required for the master’s degree may be earned by participation in workshops.</td>
</tr>
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Operations of the Jackson College of

Graduate Studies and Research

Opportunities at UCO
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Graduate Faculty

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

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

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

Associate Members of the Graduate Faculty

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

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

Associate Graduate Faculty Membership Categories are defined as follows:

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

Graduate Faculty - Duties of Graduate Faculty

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

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

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

Duties of the Graduate Faculty

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

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

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

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

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

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

The Graduate Executive Committee

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

The Membership Committee

The Membership Committee will:
1. Receive nominations and make recommendation for Full Membership and Associate Membership to the Graduate Faculty.

Graduate Council - Election Procedures

2. Make periodic reviews and recommendations for membership of individual Graduate Faculty Members.
3. Make periodic reviews of policies relating to Graduate Faculty Membership.
4. Undertake other assignments made by the Graduate Dean or Executive Committee.

The Curriculum Committee

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

The Admissions and Retention Committee

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

Election Procedures of the Graduate Council

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

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

An election will be conducted by ballots mailed from the college dean’s office. Each Full member of the Graduate Faculty from the college will vote for only one person
for each committee position open. Ballots will be tabulated in the office of the college dean.

At the end of the election process, the dean of each college will provide the Graduate Dean with the name(s) of the newly elected Graduate Council member(s) from his/her college.

Committee members appointed by the Graduate Dean shall be announced following the annual election. In this way it will be possible for the Graduate Dean to improve the diversity of the Council, and attain the widest representation possible. Appointments are for a three-year term. The elected member will serve from the Fall semester to the end of the appropriate Summer semester.

### Graduate Assistantships (GA) for Students

Graduate Assistant (GA) positions are allocated by the Deans of undergraduate colleges and their recommendations are submitted to the Dean of the Jackson College of Graduate Studies and Research by April 15th of each year for the Fall semester and by November 15th of each year for the Spring semester. All assistantships will be monitored by The Jackson College of Graduate Studies and Research. It will be the responsibility of the Deans of undergraduate colleges to recommend the assistants who meet the following qualifications.

Any department, with the permission of its Dean, may identify a prospective student recruit by offering a GA position. Any such offer must be conditioned upon the student having appropriate assistantship qualifications and upon the student’s actual UCO admission and enrollment.

1. GRAs must be enrolled as full time students with 9 graduate hours or 12 mixed graduate and undergraduate hours. If the GA’s enrollment falls below the minimum required, at any time during the semester, the assistantship will be terminated effective from that date.
2. Must have earned a minimum overall GPA of 3.25 in the master’s degree program or overall undergraduate GPA of 3.25 if the assistantship is for the first semester after graduation with a bachelor’s degree.
3. Have a Social Security Number. (TMP numbers are not accepted by the payroll department)
4. When a student is granted the status of a full time GA, he/she may not work more than 20 hours per week total at UCO. Working hours for half time and three quarter time GAs will be pro-rated accordingly.
5. International students must have clearance for employment from the International Office at UCO.
6. Tuition Waivers may vary based on availability of funds.
7. Must submit a monthly report to the JCGS&R.
8. Must volunteer to participate at all official functions organized by the JCGS&R as needed.
9. GAs work in colleges and departments as academic assistants receiving experiences related to their disciplines and fields of study. GAs are not, however “student workers”, and thus should not be used primarily as “additional office help”. GAs should be primarily assigned legitimate academic work at a level, commensurate with their education and related to their fields of study. All GAs will sign the GA Responsibility Acknowledgement and Confidentiality Agreement which will be returned to the JCGS&R.
10. In light of the fact, the GAs may have limited access to confidential college and departmental and/or student records, it is imperative that GAs have faculty supervisors.
11. Full time GAs will receive $3000 per semester. Stipends for half time and three quarter time will be pro-rated accordingly. There are no summer GA assistantships.
12. The stipends are dispersed through the bi-weekly web-based payroll process. It is the responsibility of the GA to enter and submit time cards for approval by the faculty supervisor by the designated deadlines. Failure to do so will result in the delay of receipt of funds for the GA.
13. The requirements to be granted this assistantship status are important and intentionally rigorous. As a result exceptions to the above rules will not be favored and should not be requested.

### Graduate Research Assistantships (GRA) for Students

Graduate Research Assistant (GRA) positions must be requested by faculty members at the time Regular Grant Proposals are submitted. Forms are available online and in the Jackson College of Graduate Studies and Research. Faculty members are responsible for screening RAs, who must fulfill the following requirements. All graduate research assistantships are allocated by the Dean of the Jackson College of Graduate Studies and Research.

1. GRAs must be enrolled as full time students with 9 graduate hours or 12 mixed graduate and undergraduate hours. If the GRA’s enrollment falls below the minimum required, at any time during the semester, the Assistantship will be terminated effective from that date.
2. Must have earned a minimum overall GPA of 3.25 in the master’s degree program or overall undergraduate GPA of 3.25 if the assistantship is for the first semester after graduation with a bachelor’s degree.
3. Have a Social Security Number. (TMP numbers are not accepted by the payroll department)
4. GRAs are assigned to conduct and/or assist in research, creative or scholarly activity projects by the mentor. When a student is granted the status of a full time GRA, he/she may not work more than 20 hours per week total at UCO. Working hours for half time and three quarter time GRAs will be pro-rated accordingly.
5. International students must have clearance for employment from the International Office at UCO.
Operations of JCGS&R

6. Tuition Waiver reimbursement may vary based on availability of funds.
7. Must submit a monthly report to the JCGS&R.
8. GRAs are obligated to present the results of their findings on Research Day.
9. Must volunteer to participate at all official functions organized by the JCGS&R as needed.
10. The exact nature of the research, creative or scholarly activity assignments will vary but will normally be directly related to the student’s major discipline and area of specialization. To the extent the GRAs graduate degree thesis or project coincides with his/her GRA work assignments, the time devoted to the thesis or project should not be part of the research, creative or scholarly activity assignment. All GRAs will sign the GA/RA/TA Responsibility Acknowledgement and Confidentiality Agreement which will be returned to the JCGS&R.
11. The assigned research, creative or scholarly activity projects will be under the direct supervision of a faculty member who may also be the advisor for the student’s graduate thesis or project.
12. Full time GRAs will receive $4000 each semester. Stipends for half time and three quarter time will be prorated accordingly. There are no summer GRA assistantships.
13. The stipends are dispersed through the bi-weekly web-based payroll process. It is the responsibility of the GRA to enter and submit time cards for approval by the faculty supervisor by the designated deadlines. Failure to do so will result in the delay of receipt of funds for the GRA.
14. GRA status is intended to be awarded only to the best students. The requirements to be granted this assistantship status are important and intentionally rigorous. As a result, exceptions regarding additional GRA semesters beyond two years should be rare but may be petitioned by the GRA to the dean of Jackson College of Graduate Studies and Research, who will make the final decision.

Graduate Teaching or Laboratory Assistantships (TA/LA) for students

Graduate Teaching or Laboratory Assistant (TA/LA) positions are allocated by the Deans of undergraduate colleges and their recommendations are submitted to the Dean of the Jackson College of Graduate Studies and Research by April 15th of each year for the Fall semester and by November 15th of each year for the Spring semester. All assistantships will be monitored by The Jackson College of Graduate Studies and Research. It will be the responsibility of the Deans of undergraduate colleges to recommend the assistants who meet the following qualifications.

Any department, with the permission of its Dean, may identify a prospective student recruit by offering a TA/LA position. Any such offer must be conditioned upon the student having appropriate assistantship qualifications and upon the student’s actual UCO admission and enrollment.

1. TAs/LAs must be enrolled as full time students with 9 graduate hours or 12 mixed graduate and undergraduate hours. If the TA’s/LA’s enrollment falls below the minimum required, at any time during the semester, the assistantship will be terminated effective from that date.
2. Must have earned a minimum overall GPA of 3.25 in the master’s degree program or overall undergraduate GPA of 3.25 if the assistantship is for the first semester after graduation with a bachelor’s degree.
3. Have a Social Security Number. (TMP numbers are not accepted by the payroll department).
4. When a student is granted the status of a full time TA/LA, he/she may not work more than 20 hours per week total at UCO. Working hours for half time and three quarter time TAs/LAs will be pro-rated accordingly.
5. International students must have clearance for employment from the International Office at UCO.
6. Tuition Waiver reimbursement may vary based on availability of funds.
7. Must submit a monthly report to the JCGS&R.
8. Must volunteer to participate at all official functions organized by the JCGS&R as needed.
9. TA/LA responsibilities may extend from the initial course or laboratory organization to the final evaluation of test results or laboratory assignments and the preparation of course grades. TAs/LAs must embrace the concept that the planning of classroom/laboratory teaching activities is a responsibility to be shared with the faculty supervisor. LAs must additionally understand their specific responsibilities regarding the proper use and safety of the valuable and sensitive laboratory equipment as well as his/her responsibility to safeguard the student against exposure to potentially dangerous equipment and materials. All TAs/LAs will sign the TA/LA Responsibility Acknowledgement and Confidentiality Agreement which will be returned to the JCGS&R.
10. The importance and seriousness of the TA’s/LA’s responsibilities associated with working with undergraduate students warrant college and departmental policies of regular meetings and consultations with their faculty supervisors as well as appropriate levels of training for the TAs/LAs. It will be the responsibility of the faculty supervisor and the department to assess the student’s oral English proficiency of TAs/LAs.
11. Full time TAs/LAs will receive $3250 in the first semester of appointment and $3,640 per semester after successfully completing 9 hours of graduate courses on their plan of study and maintaining the required GPA. Stipends for half time and three quarter time will be pro-rated accordingly. There are no summer TA/LA assistantships.
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<table>
<thead>
<tr>
<th>Undergraduate Research Assistantships - Research Programs</th>
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<tbody>
<tr>
<td>12. The stipends are dispersed through the bi-weekly web-based payroll process. It is the responsibility of the GRA to enter and submit time cards for approval by the faculty supervisor by the designated deadlines. Failure to do so will result in the delay of receipt of funds for the TA/LA.</td>
</tr>
<tr>
<td>13. The requirements to be granted this assistantship status are important and intentionally rigorous. As a result, exceptions to the above rules will not be favored and should not be requested.</td>
</tr>
<tr>
<td>14. The stipends are dispersed through the bi-weekly web-based payroll process. It is the responsibility of the UGRA to enter and submit time cards for approval by the faculty supervisor by the designated deadlines. Failure to do so will result in the delay of receipt of funds for the UGRA.</td>
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### Undergraduate Research Assistantships

Undergraduate Research Assistant (UGRA) positions must be requested by faculty members at the time Regular Grant Proposals are submitted. Forms are available online and in the Jackson College of Graduate Studies and Research. Faculty members are responsible for screening RAs, who must fulfill the following requirements. All undergraduate research assistantships are allocated by the Dean of the Jackson College of Graduate Studies and Research.

1. UGRAs must be enrolled as full time students with a minimum of 12 undergraduate hours. If the UGRA's enrollment falls below the minimum required, at any time during the semester, the assistantship will be terminated effective from that date.
2. Must have earned a minimum overall Undergraduate GPA of 3.25 or higher.
3. Have a Social Security Number. (TMP numbers are not accepted by the payroll department).
4. UGRAs are assigned to conduct and/or assist in research, creative or scholarly activity projects by the mentor. When a student is granted the status of a full time UGRA, he/she may not work more than 20 hours per week total at UCO. Working hours for half time and three quarter time GRAs will be pro-rated accordingly.
5. International students must have clearance for employment from UCO’s International Office.
6. Tuition Waiver reimbursement may vary based on availability of funds.
7. Must submit a monthly report to the JCGS&R.
8. UGRAs are obligated to present the results of their findings on Research Day.
9. Must volunteer to participate at all official functions organized by the JCGS&R as needed.
10. The exact nature of the research, creative or scholarly activity assignments will vary but should be directly related to the student’s undergraduate major discipline and area of specialization. All UGRAs will sign the UGRA Responsibility Acknowledgement and Confidentiality Agreement which will be returned to the JCGS&R.
11. The assigned research, creative or scholarly activity projects will be under the direct supervision of a faculty member who may also be the advisor for the student’s graduate thesis or project.
12. Full time UGRAs will receive $3000 each semester. Stipends for half time and three quarter time will be pro-rated accordingly. There are no summer UGRA assistantships.
13. The stipends are dispersed through the bi-weekly web-based payroll process. It is the responsibility of the UGRA to enter and submit time cards for approval by the faculty supervisor by the designated deadlines. Failure to do so will result in the delay of receipt of funds for the UGRA.

### Graduate Tuition Waiver Program

The JCGS&R supports and encourages superior academic performance by Oklahoma graduate students through the Graduate Tuition Waiver Program.

This Fall and Spring program awards 3 graduate credit hour tuition waivers to qualified students. Those students must be Oklahoma residents who have been formally admitted to graduate studies in a degree program, who have a 3.50 GPA and who have enrolled as full time students (at least 9 graduate credit hours).

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

### Research Programs

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

- **Basic Research** is the study of the fundamental properties, principles and data within a discipline.
- **Applied Research** engages in projects offering benefit to society using the results of basic research.
- **Curriculum Development** revitalize the content, conduct and quality of education through new and innovative approaches to all aspects of the learning experience.
- **Creative or Scholarly Activity** results in a novel idea or expression. Creative experiences and activities require flexibility and openness to interpretations. Projects in creative writing, visual arts, museum enhancement, music and dance are examples of eligible activities.

### Research Advisory Council

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

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

IRB - Institutional Review Board and Institutional Animal Care and Use Committee

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

On-Campus Research Grants

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

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

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

The Interdisciplinary Grant program will consider two types of proposals:

1. Planning Grant: This grant supports the development of interdisciplinary research working groups. Through its meetings each group will identify and explore common interests. It is anticipated that working group discussions will lead to collaborative research proposals, symposia, seminar series, workshops and conferences. Grants of up to $5,000 are available to support collaborative faculty groups across colleges. Funding is available to cover expenses such as (a) meeting costs for the group (meals, refreshments) (b) stipend for a student responsible for group administrative needs, (c) travel for outside speakers and (d) support for hosting conferences. These are one year for-purpose grants rather than for continuing support. Each group should have a designated leader and have faculty members from at least two colleges represented.

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

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

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

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

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

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

**Grant Funding Allocation Policies**

The following policies regulate all grant funding:

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

**External Grants**

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

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

1. **Obtain a “New Grant Proposal Routing Slip” from the Dean of the Jackson College of Graduate Studies and Research, NUC 404, or the website at www.ucok.edu/facres.**
2. **If you are requesting matching funds, identify the source and have the organization manager sign the routing slip authorizing the charge to their organization.**
3. **Forward the grant proposal along with the routing slip to Financial Services, room AD 210G Attn: Betty Beall.** Attach a note indicating the due date of the proposal and the date on which it will be submitted. She will review and concentrate on the budget portion of your proposal. You will be notified if there are any questions or necessary revisions.
4. **Financial Services will forward your proposal to the Dean of the Jackson College of Graduate Studies and Research for review.** He will study the content of your project. Please allow two days for review. Once your proposal has been approved, you will be contacted to pick up your proposal.
5. **Mail or electronically submit your proposal. Remember, your grant proposal should not be changed after approval without routing again.**
6. **If your proposal is accepted, forward the award notice and/or contract to the Office of Financial Affairs, room AD 210G, Attn: Betty Beall.** In order for the contract to be binding, it must be signed by an authorizing official of the University, currently President Webb or Vice-President Steve Kreidler. Financial Services will obtain this signature and return the contract to the granting agency. Once all signatures are obtained between the
two agencies, an organization number will be assigned to your award and a budget established.

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

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

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

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

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

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

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

Administrative and Budget Review and Approval:

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

The Dean of the Jackson College of Graduate Studies and Research will approve the application before returning it to the faculty member for submission. When the President’s signature and/or a letter of support from UCO is required, the Jackson College of Graduate Studies and Research will obtain these items. A copy of all proposals is kept in the Jackson College of Graduate Studies and Research.

Incentive awards

Faculty members who publish research results in refereed journals, apply for and/or receive external funding will be eligible for Incentive Credit Awards, under the following conditions:

1. A copy of the publication is sent to the Jackson College of Graduate Studies and Research and is the result of a funded mini, regular or external grant submission routed through the Jackson College of Graduate Studies and Research.

2. The external grant proposal must be routed through the Jackson College of Graduate Studies and Research before submission to the agency.

3. The application for incentive award is submitted prior to published deadlines on the Jackson College of Graduate Studies and Research website.

4. Credit must be given in their publication to the Jackson College of Graduate Studies and Research for their support and encouragement. The publication must be a full article (not an abstract or review) published in a refereed journal. The external funding received from State agencies or Regents do not qualify for the awards. The funding received must be from an external agency for a nationally advertised competitive grant.

Undergraduate Research & Creative Activities

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

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

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

Vanderford Faculty Award

The Vanderford Faculty Award in Support of Undergraduate Research, Creative and Scholarly Activity is an annual award presented during the semester of opening activities in the Fall of each year, starting Fall 2005.

The President and JCGS&R recognize one faculty member who develops, encourages, pursues, effectively conducts, funds and otherwise supports undergraduate research, creative and scholarly activities. The recipient receives a plaque and a monetary award. The focus will be on faculty participating in undergraduate student research, creative and scholarly activities that are extracurricular.

The award is established in honor of Austin and Cleo Patra, who have funded the awards.

Hauptman Fellowship Awards

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

The Jackson College of Graduate Studies and Research will also select two graduate students at large for the award. Criteria for faculty nomination include publications in refereed journals, attempts at securing external funds and involvement in active research at UCO, whether on-campus, externally or in collaboration with another institution. Faculty members may nominate any full time faculty member (not temporary or adjunct) to receive the award, including themselves.

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

Research Publications

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

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

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

#### I. Admission Requirements

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

B. **MFA Design Application Packet**

Submit to the Jackson College of Graduate Studies & Research:

1. An essay that includes the following:
   a. Why you wish to pursue a Master of Fine Arts degree in Design at UCO.
   b. Your professional career plan and objectives.
   c. Your proposed area of interest, topic, or focus of graduate study.

2. Official transcript of undergraduate courses with a degree posted. If transferring from another graduate program, also submit transcript showing graduate courses. Acceptance of a transfer class for credit depends on the class content, the method of evaluation, and the demonstration of skills that are expected in the equivalent course offered at UCO.

3. A current resume.

4. Three letters of recommendation with at least one of these from a design professional. Letters from UCO faculty are not acceptable.

5. A design portfolio that includes the following:
   a. 10-15 examples of your work submitted preferably as slides.
   b. A sheet identifying the project titles, dates, descriptions and other relevant information.
   c. A self addressed stamped envelope to return the portfolio

#### C. Application deadlines

The Design Application Packet must be submitted by:

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

#### D. Portfolio Review and Interview

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

#### E. Prerequisites

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

#### F. Acceptance into the MFA-Design program

The Jackson College of Graduate Studies & Research and the Faculty of the Department of Design will determine the acceptance status of each candidate.

#### II. Advisement

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

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

#### Recommended Undergraduate Courses

**Graphic Design**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 2113</td>
<td>History of Graphic Design</td>
</tr>
<tr>
<td>DES 2122</td>
<td>Graphic Design I</td>
</tr>
<tr>
<td>DES 3293</td>
<td>Graphic Design II</td>
</tr>
<tr>
<td>DES 2152</td>
<td>Illustration I</td>
</tr>
<tr>
<td>DES 3833</td>
<td>Computer Graphics I</td>
</tr>
<tr>
<td>DES 4513</td>
<td>Computer Graphics II</td>
</tr>
<tr>
<td>DES 4242</td>
<td>Pre-Press Production</td>
</tr>
<tr>
<td>DES 4502</td>
<td>Professional Practice</td>
</tr>
</tbody>
</table>

**Interior Design**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 1113</td>
<td>Interior Design I</td>
</tr>
<tr>
<td>DES 1333</td>
<td>Residential Design I</td>
</tr>
<tr>
<td>DES 2143</td>
<td>Commercial Design I</td>
</tr>
<tr>
<td>DES 2543</td>
<td>Commercial Drafting I</td>
</tr>
<tr>
<td>DES 3123</td>
<td>Lighting for Interior Design</td>
</tr>
<tr>
<td>DES 3223</td>
<td>Materials for Interiors</td>
</tr>
<tr>
<td>DES 3323</td>
<td>Rendering Techniques</td>
</tr>
<tr>
<td>DES 3513</td>
<td>History of Interior Design I</td>
</tr>
<tr>
<td>DES 3523</td>
<td>History of Interior Design II</td>
</tr>
<tr>
<td>DES 3553</td>
<td>History of Interior Design III</td>
</tr>
<tr>
<td>DES 3533</td>
<td>Residential Design II</td>
</tr>
<tr>
<td>DES 3563</td>
<td>Custom Furniture</td>
</tr>
<tr>
<td>DES 3573</td>
<td>Universal Design</td>
</tr>
<tr>
<td>DES 4213</td>
<td>Systems Furniture</td>
</tr>
<tr>
<td>DES 4493</td>
<td>Commercial Design II</td>
</tr>
<tr>
<td>DES 4553</td>
<td>Estimating for Interior Design</td>
</tr>
</tbody>
</table>

**MFA Design Curriculum**  
60 hours required
Program: Design  
Degree: Master of Fine Arts (M.F.A.)  

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>15 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 5033</td>
<td>Methods in Design study</td>
</tr>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
<tr>
<td>PTE 5193</td>
<td>Educational Statistics</td>
</tr>
<tr>
<td>3 hrs of ART History or DES History</td>
<td></td>
</tr>
<tr>
<td>3 hrs of ART History or DES History</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>General Electives (5000 level)</th>
<th>12 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>(with Graduate Advisor approval)</td>
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</table>

<table>
<thead>
<tr>
<th>Thesis in Design</th>
<th>12 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 5983</td>
<td>Thesis Project Proposal</td>
</tr>
<tr>
<td>DES 5993</td>
<td>Thesis</td>
</tr>
<tr>
<td>DES 5993</td>
<td>Thesis Presentation</td>
</tr>
</tbody>
</table>

Total 39 hours

Design Professional Preparation 21 hours

Design (with Graduate Advisor approval)
- DES 5211 Summer Seminar*
- DES 5233 Psychology of Design
- DES 5253 Design in Global Cultures
- DES 5273 Business of Design
- DES 5293 Design Studio*
- DES 5910 Seminar/Special Topics in Design
- DES 5933 Individual Study in Design
- DES 5952 Internship in Design
- DES 5971 Study Tour in Design

Graphic Design (with Graduate Advisor approval)
- JOUR 5283 Advertising Campaigns
- ENG 5023 Advanced Technical Writing
- DES 5113 History of Graphic Design
- DES 5313 Typography Studio*
- DES 5333 Print Design Studio*
- DES 5353 Package Design Studio*
- DES 5373 Advertising Design Studio*
- DES 5423 Computer Graphics Studio*
- DES 5443 Illustration Studio*
- DES 5463 New Media Design Studio*
- DES 5483 ClockTower Studio*

Interior Design (with Graduate Advisor approval)
- DES 5513 History of Interior Design I
- DES 5523 History of Interior Design II
- DES 5553 History of Interior Design III
- DES 5613 Lighting Design Studio*
- DES 5633 Computer Drafting Studio*
- DES 5653 Residential Design Studio*
- DES 5713 Commercial Design Studio*
- DES 5733 Furniture Design Studio*
- DES 5753 Environmental Design Studio*
- DES 5773 Charles Evans Studio*

*May be repeated for credit, up to 9 hours

Design Education (with Graduate Advisor approval)
- DES 5843 Teaching Design
- ADED 5122 Foundations of Training and Development
- ADED 5313 Techniques of Teaching Adults
- ADED 5423 Instr. Eval. in Train. and Devel.
- ADED 5453 Psychology of Adult Development
- ADED 5823 Nature & Char. of the Adult Learner
- ADED 5883 Advanced Instructional Methods

Total 21 hours
Master of Music (M.M.)

With Areas of Preparation in Music Education or Performance

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

The University of Central Oklahoma and the School of Music have developed this program to help meet the needs of a growing urban population engaging in adult education by providing an opportunity for working students in the metropolitan and surrounding areas to earn the degree during summer, fall, or spring enrollment. Some evening and night classes are offered during the fall/spring terms.

I. Admission Requirements for the Master of Music Program:

A. Hold a music degree from an accredited institution.
B. Schedule a meeting with the School of Music Graduate Advisor to discuss the program.
C. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. Forms are available online. See page 20.

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

D. Take the written Entrance Advisory Examination in Music and perform an Applied Audition on your primary performance medium. This should be done prior to attending classes. Information regarding the exam is given below.
E. Following the Entrance Advisory Examination, he/she must meet with the School of Music Graduate Advisor and work out a formal plan of study. A copy of this plan of study, signed by the student and the advisor(s) should be filed with the advisor(s) and the JCGS&R no later than the end of the second week of classes.
F. All prerequisites and deficiencies for the Master of Music Degree as outlined in the formal Plan of Study are to be completed as soon as possible.

II. Written Entrance Advisory Examination

The required Entrance Advisory Examination is given on Saturday prior to the start of classes for the fall, spring, and summer sessions. Consult the Graduate Advisor for time and room location. Students should take this exam prior to attending classes.

The student’s qualifications are assessed by means of the Entrance Advisory Examination that is administered by the School of Music. The Entrance Advisory Examination includes written tests in music theory/aural skills and music history/literature. A passing grade of 70% is required. Students falling below the 70% passing score may make up the deficiency in one of two ways:

1. Retake the written exam and score a passing grade.
2. Enroll in course(s) recommended by the Graduate Advisor and make a B or better in the course(s).

Note: Any deficiencies must be removed prior to the Comprehensive Final Exam.

III. Applied Audition

All candidates, regardless of the track chosen, will perform an audition in his/her applied performance area. This exam should be completed prior to the first meeting of classes. Plan to present a 10 minute audition for Music Education track and a 20 minute audition for the Performance track. An accompanist is not required for instrumental students. Vocalists should consult the Graduate Advisor regarding accompanists. Each area will have specific areas to address in the audition. Please consult an applied faculty member in your area. Ideally, this applied audition should be completed several days/weeks prior to the written exam and performed in front of the appropriate applied faculty.

Vocal candidates in the performance track are required to demonstrate proficiency in Italian, French, and German diction, either through a record of diction study at the undergraduate level or through examination.

Vocal candidates not deemed proficient in diction must take undergraduate diction concurrent with their graduate studies.

IV. Advisory Committee

Every candidate for the Master of Music degree shall select an advisory committee consisting of a chairperson and two other graduate faculty members.

All course choices should be approved by the Graduate Advisor (or the Advisory Committee) each semester. The Advisory Committee and the Graduate Advisor will approve and assist in the preparation of the graduate project and shall serve as a jury for the candidate’s graduate recital or final comprehensive exam. The Advisory Committee might change membership depending on the type of final project or recital selected.

V. Comprehensive Examination

Every candidate for the Master of Music degree must, at the conclusion of course work, pass a comprehensive examination based on all courses taken and general knowledge appropriate to a School of Music graduate student. Students should apply to the Graduate Advisor no later than the 4th week of the semester in which he/she plans to take the examination. A date will be selected and the exam administered by the Advisory Committee and/or the Graduate Advisor.
A grade of 80% is required to pass the examination. Students not at the 80% level will be required to complete additional work such as additional research projects or additional musical analysis projects.

The Advisory Committee will inform the candidate when the Comprehensive Exam has been successfully completed.

VI. Final Project or Recital

In addition to the Comprehensive Exam, every candidate for the Master of Music degree with preparation in performance must perform a graduate recital as a final project. Some committees may require a short presentation or paper in addition to the recital.

Every candidate with a preparation in music education must present a thesis, recital, lecture-recital, composition or other approved project. Satisfactory work in either MUED 5901 - 4 Practicum or MUED 5991 - 4 Thesis shall constitute completion of this music education requirement.

VII. Master of Music Curriculum 32 hours

A. Professional preparation 12-16 hours (including recital or final project) Select:
   1. Performance track
   2. Music Education track

B. Music History and Literature 6 hours
C. Music Theory 6 hours
D. Research Methods 2 hours
E. Electives* 2-6 hours
F. Comprehensive Final Exam Passed

For candidates in the performance track, the curriculum must include nine hours of applied study, two hours of graduate recital (MPER 5822) and two hours of pedagogy (MUS 5202 Vocal, MUS 5883 Piano, MUS 5522 Woodwind, MUS 5512 Brass, MUS 5532 String, or MUS 5542 Percussion).

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

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

The Master of Business Administration (MBA) degree at the University of Central Oklahoma (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 21st Century MBA education requiring integrated learning strategies about integrated organizational functions. The UCO MBA student will learn to combine theoretical and practical knowledge necessary to help them develop leadership and management skills required in today’s business world.

### Mission

The MBA Program at the University of Central Oklahoma provides 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.

### Accreditation

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

### I. ADMISSION

The College of Business Administration encourages applications from individuals who hold bachelors’ degrees in any field from accredited colleges or universities. Applicants are evaluated based on academic ability, as evidenced by a strong undergraduate record, performance on the Graduate Management Admission Test (GMAT), maturity, motivation, leadership, communication skills, and interest in professional management.

The admission standards ensure that applicants admitted to the Jackson College of Graduate Studies & Research are well qualified to study at the University of Central Oklahoma and have a reasonable expectation of successfully completing the Program.

### II. ADMISSION PROCEDURE

The applicant must provide the required documents for admission to the Jackson College of Graduate Studies & Research for the MBA Program. It is the obligation of the applicant to present satisfactory evidence to support the application.

### III. ADMISSION REQUIREMENTS

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

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

Applicants who do not meet the above requirements may be considered for admission to the MBA Program if they have a minimum 2.5 overall undergraduate GPA and if their combined undergraduate GPA and GMAT meet the following:

\[200 \times \text{overall UG GPA} + \text{GMAT} = 1000\]

The GMAT is designed to measure general aptitude for graduate study in business administration; it does not test knowledge in specific business subjects. An admission decision will not be made without the GMAT results. Computer-based testing is available several times per month.

Contact the Pearson Professional Center at (405) 917-7325 for fees, dates, and test times. In addition, the website at http://www.mba.com contains official GMAT information, sample test questions, and a list of testing sites and phone numbers.

IV. PREPARING FOR THE MBA PROGRAM

The MBA program does not require any specific prerequisite coursework. However, students entering the program are expected to be proficient in:

A. Common computer software applications for business
B. College algebra
C. Statistics and probability theory.

V. MBA PROGRAM CURRICULUM

A. Cornerstone Course .................................................. 5 hours
   (Must be taken in residence at UCO and minimum grade of B required to proceed in program.)
   BADM 5005 Leading in a Globally-Competitive Environment

B. Core Courses .......................................................... 25 hours
   (Must be taken in residence at UCO)
   BADM 5115 Human Capital Management
   BADM 5125 Interpretation and Integration: Accounting and Communication
   BADM 5135 Prices, Profits and the Market Economy
   BADM 5205 Managing Business Processes with Information Technology
   BADM 5215 Financial Modeling

C. Capstone Course ....................................................... 5 hrs
   (Must be taken in residence at UCO during final semester.)

VI. REQUIREMENTS FOR GRADUATION

A. Complete all MBA degree requirements in residence at the University of Central Oklahoma with an overall graduate GPA of 3.00 for all courses attempted.
B. Earn a minimum 3.0 overall graduate GPA for all graduate courses (MBA and non-MBA) attempted in residence at the University of Central Oklahoma.
C. Pass the Cornerstone Course with a grade of “B” or better.
D. Do not exceed the maximum of two retakes (including audits and withdrawals) permitted per course.
E. Satisfy minimum course grade requirements and graduate GPA requirements. 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.
College of Education and Professional Studies
**Program:** Adult Education  
**Degree:** Master of Education (M.Ed.)  

### Adult Education (M.Ed.)

The Master of Education in Adult Education is a specialized program designed for the individual who wishes to work with adults in a variety of environments. The Adult Education/Training major provides the student with preparation to work in education, training, and service oriented environments. These may include public school adult programs, adult basic education, career technology education corporate training, and non-profit community service programs. The program also is geared to act as a springboard into similar doctoral programs at terminal degree granting institutions.

The 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 stage.

As higher education in the state attempts to deal with the changing demands of both an undereducated workforce and an older population, the University of Central Oklahoma’s Adult Education/Gerontology program is a leader among adult education programs in the State of Oklahoma.

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

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

- **A.** Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.
- **B.** The student must complete a writing assessment with the Program Advisor during the first semester of coursework. The student is responsible for arranging a time for the writing sample to be completed.

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

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

The Adult Education program offers two majors:

- Training
- Gerontology

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

### Common courses for both majors 3 hrs

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

<table>
<thead>
<tr>
<th>Requirements for the two majors:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Major 1 - Training</td>
<td>18-21 hrs</td>
</tr>
<tr>
<td>Major 2 - Gerontology</td>
<td>22-25 hrs</td>
</tr>
</tbody>
</table>

**Approved electives to total** 32 hours

Required for Adult Education/Training

**Capstone Course:**

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

* Required Prerequisites for Capstone Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
<tr>
<td>ADED 5133</td>
<td>Philosophical Foundations of Adult Educ.</td>
</tr>
<tr>
<td>ADED 5313</td>
<td>Techniques of Teaching Adults</td>
</tr>
<tr>
<td>ADED 5823</td>
<td>Nature &amp; Characteristics of the Adult Learner</td>
</tr>
</tbody>
</table>

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

**General Comments**

Students who are interested in this degree must consult the advisor before starting the program. Although the basic program is established, elective hours may be selected by each student with the advisor’s approval. The degree program has been established to accommodate a wide variety of needs and interests of the adult population.

**Anticipated Interest Groups for Gerontology Major:**

- Students who are 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.

**Anticipated Interest Groups for Training Major:**

- Business and industry trainers.
- Educational consultants.
- External trainers and consultants.
- Career and technology students.
- Administrators of adult education programs in business, industry, churches, municipalities, military services, etc.
- Adult education teachers and counselors.
- Adult education doctoral programs.
**Early Childhood Education (M.Ed.)**

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

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

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

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies, Room 404, NUC. See page 20.

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

### II. Early Childhood Education Curriculum 34 hrs

Provide the College of Education and Professional Studies Director of Graduate Program Advisement, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Program Advisement.

### Professional Education 12 hrs

- **PTE 5013** Foundations of Educational Research
- **ECED 5223** Educational Practices of Constructivist Teachers
- **ECED 5153** Developmental Assessment Issues in Early Childhood
- **ECED 5433** Theoretical Perspectives of Learning and Practice

### Early Childhood Education 15 hrs

- **ECED 5512** Professionalism and Advocacy in Early Childhood (to be taken the first summer in the program)
- **ECED 5232** Affirming Diversity: Multicultural Education in Practice
- **ECED 5042** Leadership: Empowering Families, Communities, Schools
- **ECED 5063** Development, Learning, Family Involvement: Birth through Three
- **ECED 5103** Development, Learning, Family Involvement: The Child From 4-8
- **ECED 5903** Practicum: Early Childhood (Capstone experience to be taken during the last six hours of program)
- **ECED 5952** Internship in Early Childhood (By permission only)

**Required for all degree candidates**

### Electives (approved) 7 hrs

Provide the College of Education and Professional Studies Director of Graduate Program Advisement, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Program Advisement.
Education (M.Ed.)

The Master of Education in Education has three majors.
• General Education
• Secondary Education
• Bilingual Education/TESL

General Education Major

The General Education major is a 33-hour degree program designed to prepare qualified individuals to work in an educational environment relating to a specific discipline. The program encompasses (1) an orientation to education in the field of research and scholarly activities, (2) an introduction to an educational history and philosophy discipline, (3) an introduction to curriculum development and design, (4) evaluation strategies in education, and (5) teaching strategies in an educational environment. The program also provides the opportunity for students to develop in-depth knowledge in their chosen discipline and endeavors to produce educator-scholars with research skills that are sufficient for a career in their discipline-specific area. Specific objectives include:
1. To produce educator-scholars who understand the foundations and applications of their discipline;
2. To produce educator-scholars with an in-depth knowledge in their specific discipline;
3. To produce educator-scholars who are able to integrate and disseminate knowledge effectively;
4. To produce educator-scholars who understand the nature and characteristics of curriculum content and development;
5. To produce educator-scholars who are able to communicate effectively in their discipline;
6. To produce educator-scholars with research skills sufficient for understanding and producing personal and work-related scholarships.

General Education Major:

I. Admission Requirements

Students seeking the M.Ed. in Education-General Education must fulfill the following requirements before they will be formally admitted to the program:
A. Apply for and complete all admission requirements for the Jackson College of Graduate Studies and Research, Room 404, NUC. See page 20.
B. The grade point requirement for this program is a 2.75 GPA overall in an undergraduate degree program or a 2.75 in the last 60 hours attempted. All students must complete 14-15 hours in the Core Education—Area A and Area B—on the plan of study and must achieve a 3.0 in those core education courses to continue in the program. No other courses, except the 14-15 hours in the Core Education Areas on the Plan of Study, will be counted towards this master’s degree program.
C. Complete a writing assessment to the Program Advisor during the first semester of course work. The student is responsible for arranging a time for the writing sample to be completed.

II. General Education Major Curriculum 33 hrs

A. Professional Education 11-12 hrs
   (1 course from each area as identified on the plan of study)
   1. Methods of Research 3 hrs
   2. History/Philosophy in an Education area 2-3 hrs
   3. Curriculum Development 3 hrs
   4. Assessment/Evaluation 3 hrs
B. Methods of Teaching course in Specialization Area is required 3 hrs
C. Courses to meet the discipline-specific area 18-19 hrs

The student and the discipline advisor and graduate advisor will determine the specific courses to be taken. A discipline-specific area requires 18-19 hours in that discipline. For example: If a student chooses English as their discipline area, the student must choose a specific field of English, such as TESL. The student must complete 18 hours in the TESL discipline.

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

Secondary Education Major (M.Ed.)

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

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

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

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

Secondary Education Major:

I. Admission Requirements

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

B. Meet one of the following criteria.

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

C. After meeting one of the criteria listed above, schedule an appointment with the Director of Graduate Advisement for the College of Education and Professional Studies, ED 205, to develop a Plan of Study. After developing a Plan of Study with the Director of Graduate Advisement, schedule an appointment with the Secondary Education Curriculum Coordinator to submit a current vita or resume.

No student will be admitted to this program or to the Jackson College of Graduate Studies & Research, who does not meet the admission standards.

II. Secondary Education Major Curriculum 32 hrs

Provide the College of Education and Professional Studies Director of Graduate Studies, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Studies.

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

A minimum of eight hours in the Teaching Specialty area are to be hours beyond those required for teacher certification. The degree program is designed for those who hold teaching certification and who wish to increase and improve their knowledge in that area. However, if the student wishes to pursue this program in an area in which the student has not met certification requirements, he/she should understand that these hours must be completed in addition to the requirements for the M.Ed. in Education Program.

A. Professional Education 15 hrs min

1. Prof. Education Required Course Work 12 hrs
   PTE 5013 Foundations of Educational Research
   PTE 5203 Advanced Educational Psychology
   PTE 5832 Advanced Psychology of Adolescence
   PTE 5892 Capstone Research Experience

Select one of the following three courses:

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

2. Professional Education Electives 3 hrs min

Select three hours minimum from any of the following courses:

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

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

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

B. Teaching Specialization 8 hrs min

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

C. Approved Related Electives to total 32 hours

Additional courses taken from Areas A or B above or courses taken for graduate credit that count toward teacher certification may be counted in this area.
Bilingual Education/TESL Major (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. The program provides students with the foundations of research, language acquisition theory, and history and philosophy, as well as current instructional and assessment practices, and grounding in English language structure and usage.

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

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

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

I. Admission Requirements, Bilingual Education/TESL Major:

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

- Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not have a cumulative GPA of 2.75 on a 4.00 scale in all undergraduate course work or 2.75 in the last 60 hours of undergraduate work.

II. Bilingual Education/TESL Curriculum

A. Provide the College of Education and Professional Studies Director of Graduate Studies, ED 205, with a current Oklahoma standard teaching certificate or license, or have completed six hours of undergraduate education courses and six hours of English above the 2000 level, as determined by the graduate advisor. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Studies.

B. Professional Education 11 hrs

1. Research
   - PTE 5013 Foundation of Educational Research
   - TESL 5763 Second Language Acquisition
   - TESL 5783 Teaching English as a Second Language
   - TESL 5143 Teaching Reading to English Language Learners
   - TESL 5163 ESL in Content Areas
   - TESL 5212 Cultural/Linguistic Diversity in the Schools
   - TESL 5732 Language Pedagogy

2. English 6 hrs

   Required:
   - ENG 5413 TESL Grammar
   - Select from the following:
     - ENG 5283 English Grammar and Usage
     - ENG 5343 Linguistics
     - ENG 5323 History of English Language
     - ENG 5733 TESL Pedagogy

C. Core Areas 20 hrs

1. Specialization 14 hrs
   - TESL 5763 Second Language Acquisition
   - TESL 5783 Teaching English as a Second Language
   - TESL 5143 Teaching Reading to English Language Learners
   - TESL 5163 ESL in Content Areas
   - TESL 5212 Cultural/Linguistic Diversity in the Schools

2. English 6 hrs

D. Capstone 2 hrs

The Capstone experience for Bilingual Education/TESL Major will be the TESL 5902 Practicum to be taken during the last six hours of the program. The practicum will require students to be monitored and supervised in an applied setting working with limited English proficient students. Elements of competencies matching the program objectives will be evaluated.

Total 33 hrs
Program: Education Administration
Degree: Master of Education (M.Ed.)

**Education Administration (M.Ed.)**

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

B. Gain admission to the Education Administration program.

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

D. Successfully complete the School Administration Portfolio requirements.

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

II. School Principal Certification Requirements

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

III. M.Ed. in Education Administration 34 hrs

Provide the College of Education and Professional Studies Director of Graduate Studies, ED 205, with a current Teaching Certificate or License within the first 12 hours of graduate coursework. Applicants must also submit a letter from a school administrator indicating at least two years of successful teaching experience in an accredited school. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Studies.

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

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

**Must be taken the semester prior to graduation or in the Spring prior to a Summer graduation.

***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.
Elementary Education (M.Ed.)

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

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

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

Provide the College of Education and Professional Studies Director of Graduate Program Advisement, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Program Advisement.

I. Initial Certification or Degree in Elementary Education 12 hours

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

Professional Education - Required 5-6 hrs

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

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

Elementary Education Core - Required 18 hrs

Take each course in this section:

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

Select one of the following:

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

Curriculum enhancement 12-13 hrs

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

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

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

There are three majors offered in this program. They are: Family Life Education, Licensed Marriage and Family Therapist, and Family Support Specialist.

After completing the core courses in the formal plan of study, each student will have a specialization requirement and a choice among guided electives. The total number of credit hours will vary to facilitate the certification, licensure or specialization selected by the student.

These degrees programs can lead to a certification 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 take the required examination and internships. The LMFT major prepares the student to apply for the Licensed Marriage and Family Therapist.

A 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.

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

B. Meet GPA of 2.75 overall or 3.00 in the last 60 hours or attain a combined score of 900 on the verbal and quantitative sections of the GRE.

C. Meet with the Graduate Advisor to complete a recommendation for Admission to the Jackson College of Graduate Studies & Research.

D. Student and advisor will work out a plan of study. A signed, completed copy of a formal plan of study must be filed with the Advisor and the JCGS&R by the completion of the first semester.

E. Complete at least twenty-four (24) hours at University of Central Oklahoma and the last eight hours must be taken at UCO.

Specialization 30 hrs

Prerequisites for both

<table>
<thead>
<tr>
<th>LMFT &amp; Family Life Educator Major (15 hours)</th>
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<tbody>
<tr>
<td>FMCD 2213 Child Development or</td>
<td></td>
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<tr>
<td>PTE 4133 Child Psychology</td>
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<tr>
<td>FMCD 2223 Marriage</td>
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<tr>
<td>FMCD 3313 Guidance of the Young Child</td>
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<tr>
<td>FMCD 4413 Contemporary American Families</td>
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3 hours undergraduate statistics

Prerequisites for Family Support Specialist major

| FMCD 3723 Infancy/Early Childhood Development |
| FMCD 3813 Developmental Assessment/Evaluation |
| FMCD 4874 Play, Curriculum, & Program Develop. |

3 hours undergraduate statistics

Family and Child Studies Curriculum

Required courses for LMFT, Family Life Educator and Family Support Specialist (20 hours)

| FMCD 5542 Leadership Principles and Advocacy |
| FMCD 5023 Theories in Family and Child Studies |
| FMCD 5043 Family Dynamics and SexualitY |
| FMCD 5373 Life Span Devel. in Fam. & Child Studies |
| FMCD 5363 Ethics & Issues in Fam. & Child Studies |
| FMCD 5423 Linking Families & Community |
| PTE 5013 Foundations of Educational Research |

LFMT major courses Specialization (15 hours)

| PSY 5473 Theories and Techniques of Counseling |
| PSY 5483 Theories & Techniques of Grp Counseling |
| PSY 5533 Couples and Family Counseling |
| PSY 5523 Child and Adolescent Counseling |
| SAS 5273 Substance Abuse and the Family |

Guided Electives (6 hours)

| ART 5403 Intro to Art Therapy |
| CJ 5423 Child Abuse and Neglect Law |
| GER 5463 Bereavement Counseling |
| SOC 5463 The Abused |

Internship and Practicum (6 hours)

| PSY 5903 Practicum (300 hours) |
| FMCD 5953 Internship (1 semester, 300 hours) |

Family Support Specialist major courses

Internship or Thesis (6-7 hours)

| PTE 5413 Educ. Statistics (only if Thesis chosen) |
| FMCD 5994 Thesis |
| FMCD 5950 Internship (400 hours) |

Guided Electives (15 hours minimum)

| FMCD 5913 Family Law and Public Policy |
| ECED 5232 Affirming Diversity: Multicultural Educ. |
| SLP 5232 Comm. Disorder Infant/Toddler or |
| SPED 5102 Language Devel. in Special Education |
| SPED 5543 Counseling Fam. of Individuals w/Disabl. |
| SPED 5212 Legal Aspects in Special Education |
| ECED 5433 Theoret. Perspectives in Learn./Practice |
| SPED 5912 Autism and TBI |
| SPED 5912 Attention Deficit Disorder |
| SOC 5633 Social Welfare Theory |
| SOC 5463 The Abused |

Family Life Educator major courses

Internship or Thesis (6-7 hours)

| PTE 5413 Educ. Statistics (only if Thesis chosen) |
| FMCD 5994 Thesis |
| FMCD 5950 Internship (400 hours) |

Specialization Electives (9 hours minimum)

| FMCD 5913 Family Law and Public Policy |
| ECED 5232 Affirming Diversity: Multicultural Educ. |
| ECED 5433 Theoret. Perspectives in Learn./Practice |
| GER 5463 Bereavement Counseling |
| ADED 5342 Consulting Skills in Training & Devel. |
The primary mission of the University of Central Oklahoma’s Guidance and Counseling Program is to prepare “professional counselors who specialize in the school environment.” To do this, we closely adhere to national standards set forth by professional organizations (American Counseling Association & American School Counselors Association), and standards set by the State Department of Education. These standards are linked to the criteria set forth by the National Board for Certified Counselors. This will enable our students to pursue the National Certified Counselor and the National Certified School Counselor designation if they wish. In order to promote professionalism, students are encouraged to obtain these certificates and to actively participate in professional organizations.

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

B. Hold a Bachelor’s Degree from an accredited college or university and either an Oklahoma teaching certificate or license. Attach a copy to your application to the guidance and counseling program and a copy must be provided to the Director of Graduate Studies for the College of Education and Professional Studies. Students will not be admitted to the program without a teaching certificate.

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

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

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

E. Must complete an interview with at least two members of the Guidance and Counseling Curriculum Committee with a favorable recommendation. Recommendations for admission are made through the Curriculum Committee for Guidance and Counseling. This committee
Program: Guidance and Counseling
Degree: Master of Education (M.Ed.)

serves as a policy-making body, and considers applications for admission to the program, the practicum and the internship. Any problems related to admission, retention, organization or administration of the program must be approved by this committee. The student has the right to appeal all decisions.

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

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

II. M.Ed. in Guidance and Counseling 33 hrs
Provide the College of Education and Professional Studies Director of Graduate Studies, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Studies.

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

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

Total Hours Required 33 Hrs

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

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

Instructional Media (M.Ed.)

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

- Library Information
- Applied Technology.

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

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

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

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

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

I. Admission Requirements for the Instructional Media Program

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

II. Instructional Media Curriculum 36 hours

Provide the College of Education and Professional Studies Director of Graduate Studies, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Studies.

A. Required Core Courses - both majors 15 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundations of Education Research</td>
</tr>
<tr>
<td>IME 5133</td>
<td>Graphic &amp; Video Prod. (Prereq. IME 3312)</td>
</tr>
<tr>
<td>IME 5543</td>
<td>Instructional Design &amp; Development I</td>
</tr>
<tr>
<td>IME 5863</td>
<td>Elements of Web Design</td>
</tr>
<tr>
<td>IME 5243</td>
<td>Effective Writing in Instructional Technology</td>
</tr>
</tbody>
</table>

B. Library Information Major

Required Courses 21 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>IME 5013</td>
<td>Library Materials for Secondary Schools</td>
</tr>
<tr>
<td>IME 5023</td>
<td>Materials Selection</td>
</tr>
<tr>
<td>IME 5053</td>
<td>School Lib. Administration &amp; Internship</td>
</tr>
<tr>
<td>IME 5223</td>
<td>Public Relations and Information Skills</td>
</tr>
<tr>
<td>IME 5233</td>
<td>Library Materials for Elementary Schools</td>
</tr>
<tr>
<td>IME 5423</td>
<td>Reference &amp; Bibliography</td>
</tr>
<tr>
<td>IME 5453</td>
<td>Cataloging &amp; Classification</td>
</tr>
</tbody>
</table>

C. Applied Technology Major

Required Courses 21 hours

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

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

B. Complete all undergraduate prerequisites as needed.

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

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

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

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

**Nutrition and Food Management 32 hrs**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTRN 1513</td>
<td>Introduction to Nutrition</td>
</tr>
<tr>
<td>NTRN 1613 &amp; 1613L</td>
<td>Principles of Food Preparation</td>
</tr>
<tr>
<td>NTRN 2213</td>
<td>World Foods and Culture</td>
</tr>
<tr>
<td>NTRN 2411</td>
<td>Overview of Dietetics</td>
</tr>
<tr>
<td>NTRN 2423</td>
<td>Introduction to Clinical Nutrition</td>
</tr>
<tr>
<td>NTRN 3131</td>
<td>Food Safety and Sanitation</td>
</tr>
<tr>
<td>NTRN 3633</td>
<td>Life Span Nutrition</td>
</tr>
<tr>
<td>NTRN 3863</td>
<td>Community Nutrition</td>
</tr>
<tr>
<td>NTRN 4034</td>
<td>Medical Nutrition Therapy</td>
</tr>
<tr>
<td>NTRN 4053</td>
<td>Applications of Nutrition Care</td>
</tr>
<tr>
<td>NTRN 4123 &amp; 4123L</td>
<td>Food Science</td>
</tr>
<tr>
<td>NTRN 4394</td>
<td>Advanced Nutrition</td>
</tr>
<tr>
<td>NTRN 4674 &amp; 4674L</td>
<td>Quantity Foods</td>
</tr>
<tr>
<td>NTRN 4704</td>
<td>Institutional Food Management</td>
</tr>
<tr>
<td>FACS 4853</td>
<td>Methods of Teaching</td>
</tr>
</tbody>
</table>

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

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

**Dietetic Internship 32 hrs**

SEE NEXT PAGE FOR REQUIREMENTS LISTING

The Dietetic Internship is accredited by the Commission on Accreditation/Approval of Dietetic Education.
Program: **Nutrition and Food Management**  
Degree: **Master of Science (M.S.)**  

<table>
<thead>
<tr>
<th>Dietetic Internship Requirements</th>
<th>32 hrs</th>
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</thead>
<tbody>
<tr>
<td><strong>Dietetic Internship</strong></td>
<td></td>
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<tr>
<td>Admission requirements for Dietetic Internship ONLY:</td>
<td></td>
</tr>
<tr>
<td>In addition to meeting the admission requirements in I. above, the following requirements must be met.</td>
<td></td>
</tr>
<tr>
<td>1. Completion of Dietetic Program in Dietetics with a GPA of 3.00 in the last 60 hours of course work and no D’s or F’s in required courses.</td>
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</tr>
<tr>
<td>2. Satisfactory completion of the Graduate Record Examination with a minimum total score of 900 on the verbal, quantitative portions of the GRE and no score below 400 on either part. A minimum score of 4.00 is required on the analytical (essay) portion.</td>
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<tr>
<td>3. A personal or telephone interview with members of the admissions committee may be arranged at the committee’s discretion.</td>
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</tbody>
</table>

**NOTE:** Applicants will be ranked on a point system for acceptance into the program since only a limited number of applicants can be accepted each semester. The University of Central Oklahoma participates in the computer-matching program sponsored by the American Dietetic Association. Those courses marked with the asterisk (*) are required for the Dietetic Internship.

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

<table>
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<tr>
<th>Additional electives to total</th>
<th>32 hrs</th>
</tr>
</thead>
</table>

Required seminar topics include entrepreneurship and food service financial management. Other seminar topics may include clinical nutrition, lifespan nutrition, experimental foods, and pathophysiology.
### Program: Professional Health Occupations

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

**College:** Education and Professional Studies

### Professional Health Occupations (M.Ed.)

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

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

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

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

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

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

A. Education & Psychological Found. 16-24 hrs
B. Educational Methods and Curriculum 8-12 hrs
C. Thesis Option - Students in this program may elect to write a professional thesis for no less than two (2) and no more than four (4) graduate credit hours.
D. Related Electives to total 32 graduate hours
Psychology (M.A.)

The Master of Arts in Psychology has been designed as a flexible, multipurpose degree program with professional psychology as its foundation. Within this program, students may select from the following majors: General; Experimental; Counseling; and School Psychology. Degree programs are structured to provide the knowledge and skills necessary to qualify students for specialized employment opportunities and/or the preparation necessary to pursue the doctoral degree in psychology.

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

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

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

Prerequisites:

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

- PSY 1103 General Psychology
- PSY 2753 Psychological Statistics
- PSY 3713 Advanced Statistics: SPSS
- PSY 3833 Experimental Psychology
- PSY 3841 Experimental Psychology Lab
- PSY 3903 Biological Psychology
- PSY 4753 Abnormal Psychology
- PSY 4763 Theories of Learning & Cognition

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

II. Advisement

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

III. Master of Arts in Psychology Curriculum 32-60 hrs

Core Curriculum 23-25 hrs

A. Core Courses 19 hrs

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

B. Capstone Experience 4-6 hrs

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

Program Major Course Work 13-35 hrs

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

IV. Program Majors

A. Experimental Major

The Experimental 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. Counseling Major

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

Students in the program are expected to:
- Develop an understanding of the ethical and legal standards of behavior for counselors and consistently function in an ethical, professional manner;
- Develop and demonstrate skills in creating effective professional relationships that facilitate the counseling process;
- Develop and demonstrate effectiveness in working with diverse models, theories, and techniques that contribute to positive outcomes in counseling including evidence based treatments;
- Develop and demonstrate skills in conducting effective assessment and treatment of children, couples and families 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 in gender and culturally diverse contexts and with individuals who are culturally diverse.
- Demonstrate an understanding of empirically validated group psychotherapy theory, techniques and process dynamics.
- Demonstrate a pantheoretical understanding of the development, diagnosis and treatment of psychopathology.

The Counseling 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 (individual, group, and couples and families), psychological assessment (intelligence, educational, and personality), legal and ethical aspects of counseling, psychopathology, and other counseling-related courses.

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

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

### C. School Psychology Major

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

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

By the end of their training, students are expected to:
- Have and use various models and methods of assessment to yield information useful in data based decision making;
- Have and use knowledge of behavioral, mental health, collaborative, and/or other consultation models and methods to effectively collaborate with others in planning and making decisions at the individual, group, and system levels;
• Work with others in developing appropriate cognitive and academic goals for students with different abilities, disabilities, strengths and needs;
• Apply techniques to assess socialization and developmental life skills in order to collaborate with others in developing appropriate behavioral, affective, adoptive, and social goals for students;
• Demonstrate skills needed to work with individuals of diverse characteristics;
• Understand schools and other settings as systems in order to promote policies and practices that create safe, supportive, and effective learning environments for children and others;
• Use knowledge of human development and psychopathology and of associated biological, cultural, and social influences to provide or contribute to programs that promote mental health and physical well being of students;
• Work with families, educators and others to promote and provide comprehensive services to children;
• Practice in ways consistent with standards of their profession and seek career-long professional development;
• Access, evaluate, and use information sources and technology in ways that safeguard or enhance quality school based psychological services;

Students desiring a School Psychologist Certificate must also meet certification requirements and prepare a professional portfolio as they progress through the program.

Certification requirements include a 1200 hour internship and state or national examinations.

D. General Psychology Major

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

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

I. Admission Requirements for the M.Ed. in Reading Program:
   Students seeking an M.Ed. in Reading must fulfill the following requirements before they will be formally admitted to the program:
   A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.
   B. Complete all prerequisites, if any, as determined by the graduate advisor.
   C. Complete the following prerequisites for the M.Ed. Degree in Reading:
      2. Have completed a minimum of six semester hours of course work in the following areas:
         a. One course in Reading Methods.
         b. One course in Language Arts or Literature (Children’s or Adolescent). Children’s Literature must be taken if the course is older than four years.

II. M.Ed. in Reading Curriculum 32 hrs
   Provide the College of Education and Professional Studies Director of Graduate Studies, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Studies.

   Core Reading Block
   Required 22 hrs
   Theoretical Foundations of Reading 6 hrs
   Diagnosis and Correction 6 hrs
   Clinical Experience/Field Experience 8 hrs
   Professional Development 2 hrs
   One course must also be taken from each of the following areas:
   
   Professional Education 10-11 hrs
   Research 3 hrs
   Language and Literacy 3 hrs
   Measurement 2-3 hrs
   Theories and Methods of Learning 2-3 hrs

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

III. Capstone Experience
   The Capstone Experience for a M.Ed. in Reading involves successful completion of the final course in the program: Clinical Practices in Reading. In this class information pertaining to theory, diagnosis, and treatment is applied in a clinical setting.

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

Special Education (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 of Exceptional Children.

2. The program will provide graduate students opportunities to become reflective, responsive, and resourceful in meeting the academic, behavioral, emotional, and social needs of the specific area of specialization selected.

3. The program will provide experiences for graduate students to develop the ability to facilitate learning through implementation of various teaching strategies, manage classrooms and behavior, assess academic levels, plan individualized education programs, provide service to the community, and conduct relevant research skills.

The graduate program in mild-moderate disabilities is designed to offer advanced study to those students interested in infants, early childhood, elementary, middle, secondary, and adult education of students with mild/moderate needs.

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.

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

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

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

Provide the College of Education and Professional Studies Director of Graduate Studies, ED 205, with a current teaching certificate or license within the first 12 hours of graduate coursework. Any exceptions must be approved by the College of Education and Professional Studies Director of Graduate Studies.

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

A. Research

B. Special Education Core

C. Specialization in Mild-Moderate Disabilities OR

D. Specialization in Severe-Profound/Multiple Disabilities

A. Research

Foundations of Educational Research

B. Core Courses 19 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 5833</td>
<td>Diagnosis/Intervention in Reading</td>
</tr>
<tr>
<td>SPED 5102</td>
<td>Language Develop. in Spec. Education</td>
</tr>
<tr>
<td>SPED 5212</td>
<td>Legal Aspects of Special Education</td>
</tr>
<tr>
<td>SPED 5303</td>
<td>Assessing the Exceptional Individual</td>
</tr>
<tr>
<td>SPED 5232</td>
<td>Educational Strategies for Young Children with Special Needs</td>
</tr>
<tr>
<td>SPED 5443</td>
<td>Behavioral/Classroom Management</td>
</tr>
<tr>
<td>SPED 5452</td>
<td>Curriculum Modification/Assistive Technol. in Special Education</td>
</tr>
<tr>
<td>SPED 5582</td>
<td>Secondary Special Education</td>
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</table>
### Program:

#### Degree:

<table>
<thead>
<tr>
<th>College: Education and Professional Studies</th>
</tr>
</thead>
</table>

#### C. Mild-Moderate Disabilities 15 hrs
- SPED 5242 Foundations of Mild-Moderate Disabilities
- SPED 5842 Curriculum Development for Mild-Moderate Disabilities
- SPED 5653 Procedures for Mild-Moderate Learning Disabilities
- SPED 5763 Procedures for Mild-Moderate Mental Retardation
- SPED 5743 Procedures for Mild-Moderate Emotional/Behavioral Disorders
- SPED 5901 Practicum in Special Education (Mild-Moderate Disabilities)
- SPED 5901 Practicum in Special Education (Emotional/Behavioral Disabilities)

If seeking teaching certification, students will need to complete the major support courses, professional education courses, and pass the Severe-Profound/Multiple Disabilities or Mild/Moderate Disabilities Certification Test to be recommended for certification from the University of Central Oklahoma.

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.

#### D. Severe-Profound/Multiple Disabilities 15 hrs
- SPED 5252 Foundations of Severe/Profound Disabilities
- SPED 5852 Curriculum Development for Severe/Profound Disabilities
- SPED 5773 Procedures for Severe/Profound Mental Retardation
- SPED 5753 Procedures for Severe/Profound Emotional/Behavioral Disorders
- SPED 5693 Procedures for Severe-Profound Physical and Health Disabilities
- SPED 5901 Practicum in Special Education (Severe/Profound/Multiple Disabilities)
- SPED 5901 Practicum in Special Education (Emotional/Behavioral Disabilities)
Speech-Language Pathology (M.S.)

Application Deadline: January 31, to be considered for the following Summer semester. In order for an applicant to be considered, ALL items must be received by or postmarked no later than January 31. This program begins in the Summer semester.

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

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

I. Admission Requirements
A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Meet the GPA requirement of 2.75 overall, or 2.75 in the last 60 hours attempted.

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

D. Earn a minimum GPA of 3.00 in a minimum of 24 credit hours of Speech-Language Pathology course work with no grade below a “C”.

E. Satisfactory evidence of interpersonal skills and scholastic potential based on submitted letters of reference and rating forms.

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

Prerequisite
A Bachelor’s Degree in Speech-Language Pathology or equivalent, or the following courses or their equivalent:
- Foundations of Speech-Language Pathology
- Speech and Hearing Mechanism
- Acoustic Phonetics
- Normal Language Development
- Audiology
- Articulation Disorders
- Language Disorders

Due to accreditation limits on faculty-student ratio, it is necessary to restrict the number of students admitted to the graduate Speech-Language Pathology program.

The application must be received by the Program Director by February 1 to be considered for the following Summer semester. Summer semester is the only point at which students are permitted to begin the graduate program. Students will be selected on the basis of their potential to successfully complete the graduate program.

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

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

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

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

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

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

Health Studies Major

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

Exercise Science Major

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

For each major, a 2-4 hour Thesis or Internship is required. This requirement will provide the student with intensified experience and knowledge of wellness through a research project leading to the thesis or an on-site agency internship experience.

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

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

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

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

Prerequisites for Wellness Management

KINS 3403 Principles of Leadership Development
OR
HLTH 3452 Group Dynamics
KINS 4252 Legal Aspects of Leisure Services and Fitness Programs

One 3 hour undergraduate research class as a prerequisite for PHED 5393 Research in Health Education and Physical Education.

HLTH 4203 Assessment Intervention and Evaluation
One 3 hour undergraduate technology class as a prerequisite for KINS 5223 Technology and Media for Wellness Managers.
## Program: Wellness Management
### Degree: Master of Science (M.S.)

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

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

### Elective Courses Area A 15 hrs
- GERO 5023 | Orientation to Gerontology |
- SOC 5053 | Sociology of Aging |
- GERO 5363 | Psychology of Aging |
- GERO 5443 | Biology of Human Aging |
- GERO 5213 | Health and Social Services for Seniors |
- GERO 5463 | Bereavement Counseling |
- GERO 5342 | Politics of Aging |
- ADED 5883 | Transformational Learning |
- NTRN 5910 | Special Topics in Nutrition & Food Mgmt (1-3 hrs, dept approval required) |

### Elective Courses Area B 15 hrs
- NTRN 5032 | Nutrition Education |
- NTRN 5910 | Special Topics in Nutrition & Food Mgmt (1-3 hrs, dept approval required) |
- OCTE 5172 | Organization and Administration of Health Occupation Programs |
- OCTE 5323 | Methods of Teaching in Health Occupations |
- ADED 5233 | Curriculum Design in Education |
- ADED 5453 | Psychology Of Adult Development |
- SFTY 5123 | Industrial Hygiene |
- FMCD 5373 | Life-Span Human Development in Child and Family Studies |
- ADED 5883 | Transformational Learning |

### Elective Courses Area C 15 hrs
- SOC 5233 | Human Behavior and Social Environment |
- SAS 5303 | Substance Abuse and Special Populations |
- SOC 5463 | The Abused |
- SAS 5343 | Prevention and Education in Substance Abuse Studies |
- SAS 5910 | Dual Diagnosis |
- SAS 5910 | Special Topics in Substance Abuse Studies (1-6 hrs, dept. approval required) |
- CJ 5423 | Child Abuse and Neglect Law |

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

### Elective Courses in Exercise Science - to total 32 hours
- GERO 5363 | Psychology of Aging |
- GERO 5443 | Biology of Aging |
- NTRN 5032 | Nutrition Education |
- KINS 5423 | Strength Develop. and Training Methods |
- KINS 5403 | Biomechanical Analysis |
Certification Programs
Preparation for Teacher Certification and Licensure

Teacher Certification and Licensure

Administration and Professional School Services
- School Principal
- Library Media Specialist
- School Counselor
- School Nurse
- School Psychologist
- School Psychometrist
- Reading Specialist
- Speech-Language Pathologist

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

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

Certification Requirements

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

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

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

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

Program Procedures and Guidelines for Certification

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

To apply for certification, the individual should:

A. Complete all courses identified for general education and the respective professional education and specialization areas.

B. Contact the appropriate department chairperson regarding the course work for the respective program, particularly if it seems likely that some courses previously completed could substitute for required courses in the program. Official substitution forms should be completed where courses, based on their titles, do not seem to match. If course names and levels from different institutions are equivalent, substitutions are NOT necessary.

C. Apply for admission to teacher education following the procedures and guidelines enumerated in “Admission to Teacher Education.”

D. Apply to student teaching following the procedures and guidelines enumerated in the section entitled “Admission to Student Teaching.” Guidelines are in the Teacher Education Services (ED 207).

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

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

G. After completing certification requirements obtain an application for certification from Teacher Education Services office.
H. For certification at any level the applicant must hold a bachelor's degree. For certification in graduate programs, the applicant must hold a master's degree.

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

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

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

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

- PTE 4901 Practicum in Professional Teacher Education (if Educational Psychology taken elsewhere)
- PTE 4522 Instructional Designs
- PTE 4812 Contemporary Issues
- PTE 4828, 4838, or 4848 Directed Observation and Student Teaching

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

Admission to Teacher Education
Students at the University of Central Oklahoma who expect to become candidates for the Bachelor of Arts in Education, the Bachelor of Science in Education, 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 encouraged 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. Therefore, 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 2000 are:

A. Have already successfully completed 40 semester hours of college credit.

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 GPA of 2.75 in all subjects completed at UCO or other colleges or universities at the time of application.

2. Achieve a minimum GPA of 2.75 in degree certification major or common courses required for majors with no grade lower than “C” after August 15, 1990.

3. Achieve a minimum GPA of 2.75 in Professional Teacher Education courses 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 Portfolio. The portfolio 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 licensure must satisfactorily complete the Certification Examinations for Oklahoma Educators before applying for licensure and before a license can be issued by the state. The state curriculum examinations are administered at least four times each year on a set schedule with advanced registration required. Three different exams are required:

1. Oklahoma General Education Test (OGET) must be passed for admission to teacher education.
2. Oklahoma Subject Area Tests (OSAT) must be passed for admission to student teaching.
3. Oklahoma Professional Teaching Examination (OPTE) specific to the teaching level of the certificate sought.

Applications for the state competency examinations are available in Teacher Education Services (ED207). Study guides can be obtained on line from National Evaluation Systems.

College Credit

Only work completed in state and regionally accredited colleges and universities, or transfer credit validated by accredited colleges, will be accepted as a basis for teacher certificates. In order for the applicant to be eligible for certification, the grade point average of the applicant on all work submitted in qualifying for teacher certification shall be equal to or greater than that required for admission to the teacher education program at the University of Central Oklahoma.

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 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.

Course Work Completed in Community Colleges

Only 64 semester hours of credit taken in an accredited community college may be counted toward satisfying the general education and specialized education requirements of an approved certificate program. Work taken in an accredited community college after achieving sixty-four (64) or more semester hours may count toward certification in the areas of general education and specialized education providing the following guidelines are met:

A. The course work is lower division work as determined by the course level assigned to the course by the four year institution that will make recommendation for certification. If UCO designates a course as a junior or senior level course (3000 or 4000 level), then a comparable course completed at a junior college will NOT substitute for the course in the UCO approved teacher certification program.
B. The course work is applicable in meeting the approved program of certification at the recommending institution.
C. The course work CANNOT include any early childhood nor elementary specialization area courses (this refers to the 40 hours of specialization).
D. The course work CANNOT include any teacher education courses (this refers to courses in the 30-33 hours in teacher education).
E. The course work is counted in lieu of an equal number of hours of the 64 already taken at a junior college so that no more than 64 semester hours, in total (including all general education), are being counted from junior colleges.
F. The last nine semester hours of credit in the area of specialization were completed in an institution having an approved teacher certification program in the area of concern. Junior colleges do not have state approved teacher certification programs.

Issuance of an Initial License

The State Board of Education shall issue a license to teach to any person who completed his/her initial teacher education program after January 31, 1982, has not taught in a state accredited elementary or secondary school for a minimum of one year and completed the residency-year requirements, and who meets all of the following requirements:

(If the individual completed his/her initial teacher education program prior to February 1, 1982, he/she should contact the State Department of Education regarding their certification requirements.)

A. Has successfully completed all training and courses required by the State Board of Education based on the guidelines and program in effect at the time of application for certification.
B. Has graduated from an accredited four year college or university and holds the standard baccalaureate degree. (Those seeking career-technical certificates should verify requirements with the Oklahoma Department of Career and Technology Education);
C. Has made the necessary application for the certification exams and paid the certification examination fees.
D. Has received a passing score on the certification examination.
E. Has made application to the State Department of Education on the appropriate State of Oklahoma form and paid the appropriate application fee for each class of certificate sought.
F. Has received recommendation from the preparing institution for the certificate desired if the teacher preparation work was completed in Oklahoma. The State of Oklahoma certificate application form must be signed
by the Dean and Director of Teacher Certification.

G. Has met all other requirements as may be established by The State Board of Education including meeting the residency requirement at the time of application for certification. The applicant should contact the State Department of Education regarding current residency requirements.

Issuance of Standard Certificates
The State Board of Education shall issue a certificate to any person who meets all of the following requirements:

If the individual completed his/her initial teacher education program after January 31, 1982, he/she must have passed the applicable state certification examination, completed one year of teaching in a state accredited elementary or secondary school, and for Oklahoma teachers, have successfully completed the residency-year program and received recommendation by the residency-year committee. The individual must then make application to the State Department of Education and pay the certification fee. (If the individual completed his/her initial teacher education program prior to February 1, 1982 he/she should contact the State Department of Education regarding their certification requirements).

Issuance of a License or Certificate for Additional Certification Areas
Individuals who currently hold a valid Oklahoma license or certificate at the standard certification level who desire UCO recommendation to obtain certification in another specialization area, must complete the following:

A. Complete the specialization area courses based on the UCO state approved program.

B. Complete a minimum of the last nine semester hours toward the new certification area through the University of Central Oklahoma.

C. Satisfactorily complete the applicable state certification examination(s).

D. Complete the appropriate developmental psychology course (e.g. child, adolescent, or developmental) for the level of the new certification area if the course was not completed previously (see the professional education work sheet for the new specialization area).

E. Complete the course SPED 4123 Theories and Techniques of Exceptional Individuals if not previously completed.

F. Make application for the new license/certificate through the Teacher Education Services Office (ED 207) following the required procedures.

Teaching Certificate Definitions and Overview
For certification to be received, an individual must hold a bachelor’s degree and have completed the course requirements in professional education and in the area specialization, and have received a passing score on the applicable state certification examination(s).

A. License - The class of certification for entry-level teachers is a license. Application for licensure is made through UCO.

B. Certificate - The license will be changed to a standard certificate upon successful completion of the residency year program and application to the State Department of Education for a certificate. Application is made directly to the Oklahoma State Department of Education.

C. Emergency Certificate - This certificate is issued only in emergency cases upon request and recommendation from a local school superintendent, who shall state the school’s intention to employ the applicant if the certificate is granted. All emergency certificates are valid only within the school district upon whose request they are granted. For those individuals who obtain emergency teaching certificates, it is recommended that they contact the Director of Field Experiences in Teacher Education Services prior to the beginning of the school year during which their emergency certificate is valid and discuss the alternative plan for student teaching.

Any person who obtains an emergency teaching certificate to teach in an Oklahoma accredited elementary or secondary school and has had no student teaching experience may complete the alternative plan for student teaching. The plan requires that the individual enroll in the four-semester hour in-service supervised teaching experience at the University of Central Oklahoma (permission and documentation of employment are required for enrollment). The in-service supervised teaching experience shall be completed during the first year that the teacher is employed in an accredited school. Permission from the school superintendent for participation in the in-service supervised teaching experience is required, and the individual must be supervised by UCO.

To complete a teacher certification program at UCO and to be recommended for teacher certification by UCO, the individual must have been admitted to the University of Central Oklahoma Professional Teacher Education program. The individual completing the alternative plan for student teaching must follow the guidelines presented in the section “Admission Requirements.”

The number of semester hours of professional education normally required for the certificate sought may be reduced by the number of student teaching semester hours that are required. This reduction may be made if the student successfully completes the four semester hours of in-service supervised teaching experience.

Upon the completion of one year of teaching, the in-service supervised teaching experience, the residency year assistance program, successful completion of the appropriate certification examination(s), and other requirements appropriate to the certificate sought, the applicant may be recommended for a standard certificate.

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 Library Media Specialist Certification

Library Media Specialist Certification
Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to supervise and/or administer Library Media services in grades K-12 in any accredited school in Oklahoma and to teach Library Media Skills in grades K-12. A list of required Courses may be obtained from the program advisor.

Standard Library Media Specialist Certificate
A master’s degree is required for Standard certification.

A. Standard certification program for applicants already holding a master’s degree
1. The applicant shall satisfy all criteria related to specific requirements for other certified personnel certificate programs as stated on page 141 of Appendix H of the Teacher Education and Certification Guidelines and Procedures Handbook, and admission standards, general education and professional education requirements as stated on pages 19-24 of the Teacher Education and Certification Guidelines and Procedures Handbook.
2. Applicants may qualify if they hold and maintain a valid certification credential in early childhood education, elementary education, elementary-secondary education, secondary education, or vocational-technical education.
3. If the applicant already holds a Master’s Degree in one of the above areas, specialized course work to fulfill standard certification requires 24 semester hours in the area of specialization from areas (a-l), with areas (a-f) being required courses:
   a. Library Media Management
      IME 5053 School Library Admin & Internship
      Reference
      IME 5423 Reference and Bibliography
   c. Selection of Print and Non-print Materials
      IME 5023 Materials Selection
   d. Cataloging of Print and Nonprint Materials
      IME 5453 Cataloging and Classification
   e. Books and Materials for Children
      IME 5233 Library Materials for Elem. Schools
   f. Books and Materials for Young People
      IME 5013 Library Materials for Second. Schools
   g. Instructional Materials Production
      IME 5133 Graphic & Video Production
      IME 5863 Elements of Web Design
   h. Design and Develop. of Instructional Materials
      IME 5543 Instructional Design & Develop. I
   i. Public Relations for School Library Media Prog.
      IME 5223 Public Relations and Information Skills

4. The applicant shall pass the state teacher certification test for Library Media Specialist.
5. The applicant must have completed an undergraduate course in Psychology of Exceptional Children.

B. Standard certification program for applicants who already hold 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, depending on work experience.
1. Student teaching will not be required if the applicant has at least two years of experience as a full time librarian in a non-school capacity.
2. The applicant shall pass the state teacher certification test for Library Media Specialist.

General Guidelines
1. All courses applicable to the Master of Education in Instructional Media Degree must be taken at the graduate level. Applicable courses taken at the undergraduate level may apply toward certification, but will not apply toward the Master’s Degree.
2. A minimum of at least the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by UCO.
3. The applicant shall satisfactorily complete the state curriculum examination in the area of Library Media Specialist prior to being issued a standard license/certificate.
4. The applicant shall hold a Bachelor’s Degree from an accredited institution.
5. The applicant shall satisfy all general regulations of eligibility including, for the standard certificate, completion of the course SPED 4123 Theories and Techniques of Exceptional Individuals or its equivalent.
6. Individuals who have not previously completed a teacher education program must apply for, and be admitted to the teacher education and to student teaching at the University of Central Oklahoma and complete all program requirements before certification recommendation will be made.
7. The applicant must satisfy all criteria relating to specific requirements for elementary-secondary school certification programs, including admission to teacher education and admission to student teaching.

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

College: Education and Professional Studies

School Principal Certification

General Guidelines

1. The applicant shall satisfy all general regulations of eligibility including, for the standard certificate, completion of the course SPED 4123 Teaching Individuals with Disabilities.

2. The applicant shall hold and maintain a valid Oklahoma standard certificate in one of the following areas: Early Childhood, Career/Technical, Library Media Specialist, Speech-Language Pathology, or an Elementary/Secondary teaching field.

3. The applicant is required to have had two years of teaching experience in an accredited elementary school, middle school, junior high school, or senior high school.

4. The applicant shall hold a Master’s Degree granted by an institution accredited by a regional accrediting association.

5. The applicant must successfully complete the Elementary, Middle School, or Secondary School Principal State Curriculum Examinations prior to being issued a certificate.

6. All courses taken for administration certification must be completed at the graduate level.

7. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendations by UCO.

<table>
<thead>
<tr>
<th>School Principal Required Course Work</th>
<th>34 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013 Found. of Educational Research</td>
<td>3 hrs</td>
</tr>
<tr>
<td>* EADM 5543 Fundamentals of Public School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>PTE 5153 Advanced Developmental Psychology in an Educational Setting</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5453 Interpersonal Relationships in School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5673 School Personnel Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5683 Curriculum Leadership</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5623 Supervision &amp; Eval. of Instruction</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5553 Legal Aspects of School Admin.</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EADM 5353 Computer Applications and Technology for School Administration</td>
<td>3 hrs</td>
</tr>
<tr>
<td>**EADM 5814 Principalship/Internship</td>
<td>4 hrs</td>
</tr>
<tr>
<td>EADM 5583 Public School Finance</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

Total: 34 hrs

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

**Must be taken the semester prior to graduation or in the Spring prior to a Summer graduation.

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.
### 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 must be taken if the course is older than four years.
3. For standard certification, the applicant must have completed the course SPED 4123 Teaching Individuals with Disabilities (or an equivalent course).
4. Candidates receiving the Reading Specialist Certificate must hold a standard teaching certificate in early childhood, elementary education, elementary-secondary, or secondary education.

#### General Guidelines

1. For the standard certificate, the applicant must hold a Master’s Degree granted by an institution accredited by a regional accrediting association.
2. The applicant must successfully complete the state curriculum examination in the area of Reading Specialist prior to being issued a certificate.
3. All courses taken for Reading Specialist Certification must be completed at the graduate level.
4. The program for Reading Specialist Certification includes 32 semester hours of graduate course work for the standard certificate. The specific courses are outlined below.
5. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation from UCO.

### A. Specialization Area  22 hrs minimum

1. Theoretical Foundation of Reading  6 hrs minimum
   - READ 5623 Foundations & Survey of Reading - Fall
   - READ 5663 Theoretical Basis of Reading - Spring
2. Diagnosis of Correction  6 hrs minimum
   - READ 5843 Diagnosis and Correction of Reading Disabilities - Fall
   - READ 5443 Assessment of Dislexia and Related Reading Disorders - Spring
3. Clinical Experience  8 hrs minimum
   - READ 5854 Clinical Practices in Reading - Summer
   - READ 5913 Seminar: Balanced Reading Program - Phonics to Comprehension - Spring
4. Professional Development  2 hrs minimum
   - READ 5712 Organization and Supervision of Reading Program

*Note: These courses must be taken in sequential order according to the superscript numbers.

### B. Professional Education Area  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 counted.

1. Research  2-3 hrs
   - PTE 5013 Foundations of Educational Research
2. Language and Literacy  3 hrs
   - SPED 5102 Language Dev in Special Educ.
   - READ 5912 Seminar: Language Basics
   - ELED 5223 Literature-Based Language Arts Instruct.
3. Measurement  2-3 hrs
   - GUID 5333 Individual Test Interpretation-Summer, Fall
   - PTE 5413 Educational Statistics
   - PSY 5803 Individual Testing Techniques-Wechsler
   - PTE 5383 Principles of Test and Measurements
4. Theories & Methods of Learning  2-3 hrs
   - TESL 5962 Inst-Multicultural Education-wknd sp.
   - SPED 5443 Behavioral Classroom Management
   - PTE 5203 Advanced Educational Psychology
   - PTE 5822 Advanced Psychology of Childhood

### Total - Reading Specialist Certificate  32 hrs

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.
School Counselor Certification

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to serve as a counselor in any accredited school in Oklahoma.

General Guidelines

1. The applicant shall hold a valid classroom teaching certificate.
2. The applicant shall have a minimum of two years classroom teaching experience in an accredited school within the five years immediately preceding the date of application for certification.
3. The applicant must satisfactorily complete the state curriculum examination for School Counselor prior to receiving a Standard School Counselor Certificate.
4. All course work must be at the graduate level.
5. The last nine semester hours of course work must be completed at the University of Central Oklahoma for recommendation by UCO.
6. For standard certification the applicant shall hold a master’s degree granted by an institution accredited by a regional accrediting association.
7. Complete all requirements for admission to the program in Guidance and Counseling and be accepted into the program by the Guidance and Counseling curriculum committee.
8. For certificate recommendation, the applicant shall have completed the approved program for certification as a school counselor as outlined and successfully passed the appropriate state required exams.

School Counselor Required Course Work 30 hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5383</td>
<td>Principles of Tests &amp; Measurements</td>
</tr>
<tr>
<td>GUID 5013</td>
<td>Prin. of Guidance &amp; Counseling</td>
</tr>
<tr>
<td>GUID 5163</td>
<td>Theo. &amp; Tech. of Individ. School Cnslg</td>
</tr>
<tr>
<td>GUID 5133</td>
<td>Multicultural Counseling</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: GUID 5163</td>
</tr>
<tr>
<td>GUID 5443</td>
<td>Career Guidance</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: GUID 5013 or concurrent enrollment</td>
</tr>
<tr>
<td>GUID 5113</td>
<td>Theories &amp; Tech. of Group Cnslg.</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: GUID 5163</td>
</tr>
<tr>
<td>GUID 5153</td>
<td>Counseling Intervention Strategies</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: GUID 5163</td>
</tr>
<tr>
<td>GUID 5253</td>
<td>Developmental Guidance</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: GUID 5013 &amp; PTE 5153</td>
</tr>
<tr>
<td>* GUID 5953</td>
<td>Internship</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: GUID 5163, 5113, 5153</td>
</tr>
</tbody>
</table>

*200 Total Hours: 100 hours in Counselor Education Clinic, 100 hours in an accredited school site

Total - School Counselor Certificate 30 hrs

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.
School Psychologist Certification

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to serve as a School Psychologist in any accredited school in Oklahoma.

Prerequisites
1. The applicant shall hold and maintain a valid standard certificate in one of the following areas: early childhood, elementary, elementary-secondary, or secondary teaching certificate. If no teaching certificate is held, the applicant must have completed the following course work:
   - ECED 4073 Language Development and Emergent Literacy OR
   - ELED 4063 Teaching Reading in the Primary Grades
   - ELED 4333 Teaching Mathematics in Intermediate Grades OR
   - ELED 4323 Teaching Mathematics in Pre-School and Primary Grades
   - PSY 5902 Educational Field Experience
   (120 clock hours in regular education and special education)
   - SPED 4123 Teaching Individuals with Disabilities
2. Admission to the program through the University of Central Oklahoma School Psychology Review Board is a prerequisite to completion of the program.

General Guidelines
1. The minimum requirements for the standard School Psychologist Certificate include a master’s degree in one of the following areas: psychology, educational psychology, child psychology, special education, counseling, or a related field.
2. The Standard Certificate is the only certificate option available for the School Psychologist.
3. The applicant shall pass the school psychologist state curriculum examination prior to being issued the certificate.
4. The applicant must complete a minimum of sixty (60) semester hours of graduate courses as outlined below.
5. The graduate course work required in the area of specialization may be counted from work completed for the Psychometry/Educational Diagnostician Certificate program, from work completed for the master’s degree, and from graduate course work beyond the master’s degree. The specific required course work for the School Psychology Certificate is outlined below.
6. All course work must be completed at the graduate level.
7. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by UCO.

<table>
<thead>
<tr>
<th>Required Course Work</th>
<th>60 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Core</strong></td>
<td>40 hrs</td>
</tr>
<tr>
<td>EADM 5543 Fund. of Public School Admin. 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5383 Multivariate Analysis OR</td>
<td></td>
</tr>
<tr>
<td>PTE 5413 Educational Statistics 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5143 Advanced Develop. Psych. 3 hrs OR</td>
<td></td>
</tr>
<tr>
<td>PTE 5822 Advanced Psych. of Childhood, AND</td>
<td></td>
</tr>
<tr>
<td>PTE 5832 Advanced Psych. of Adolescence</td>
<td></td>
</tr>
<tr>
<td>PSY 5633 Modern Learning Theories OR</td>
<td></td>
</tr>
<tr>
<td>PTE 5203 Advanced Educational Psych 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5233 Psychopathology 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5253 Psychodiagnostic Survey 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5013 Bioskowal Psychology 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5722 Intro. to School Psychol. Services 2 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5803 Ind. Test. Tech. - Wechsler 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5813 Diagnostic Testing Techniques 3 hrs</td>
<td></td>
</tr>
<tr>
<td>SPED 5913 Cnsling. Fam. of Except. Children 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PTE 5383 Prin. of Tests &amp; Measurements 3 hrs</td>
<td></td>
</tr>
<tr>
<td>SPED 5443 Behavioral Classroom Mgmt 3 hrs</td>
<td></td>
</tr>
<tr>
<td>PSY 5893 Capstone in School Psychology 3 hrs</td>
<td></td>
</tr>
<tr>
<td><strong>B. Counseling</strong></td>
<td>6 hrs</td>
</tr>
<tr>
<td>GUID 5153 Counseling Intervention Strategies</td>
<td></td>
</tr>
<tr>
<td>GUID 5213 Counselor as Consultant</td>
<td></td>
</tr>
<tr>
<td>PSY 5473 Individual Counseling</td>
<td></td>
</tr>
<tr>
<td>PSY 5483 Group Counseling</td>
<td></td>
</tr>
<tr>
<td>PSY 5523 Child and Adolescent Counseling</td>
<td></td>
</tr>
<tr>
<td><strong>C. Practicum</strong></td>
<td>4 hrs</td>
</tr>
<tr>
<td>PSY 5902 Practicum in School Psychometry 2 hrs</td>
<td></td>
</tr>
<tr>
<td>(150 clock hours of direct services)</td>
<td></td>
</tr>
<tr>
<td>PSY 5902 Practicum in Sch. Psych. Services 2 hrs</td>
<td></td>
</tr>
<tr>
<td>(150 clock hours of direct services)</td>
<td></td>
</tr>
<tr>
<td><strong>D. Internship</strong></td>
<td>6 hrs</td>
</tr>
<tr>
<td>PSY 5956 Internship School Psych. 6 hrs</td>
<td></td>
</tr>
<tr>
<td>(1200 clock hours direct services)</td>
<td></td>
</tr>
</tbody>
</table>

The remaining semester hours of graduate course work may be taken from related areas and/or areas required for completion of the master’s degree.

Total - Standard Certificate: 60 hrs

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 Psychometrist Certification

School Psychometrist Certification

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to serve as a School Psychometrist/Educational Diagnostician in any accredited school in Oklahoma.

Prerequisites
1. The applicant shall hold and maintain a valid standard certificate in one of the following areas: early childhood, elementary education, library media specialist, speech-language pathology, elementary-secondary, or secondary.
   - If no teaching certificate is held, the applicant must have completed the following course work.
     - ECED 4073 Language Development and Emergent Literacy OR
     - ELED 4063 Teaching Reading in the Primary Grades OR
     - ELED 4333 Teaching Mathematics in Intermediate Grades OR
     - ELED 4323 Teaching Mathematics in Pre-School and Primary Grades
     - PSY 5902 Educational Field Experience (120 clock hours in regular education and special education)

2. The following courses are prerequisites to approved standard certification programs in School Psychometry.
   - PSY 1103 General Psychology
   - SPED 4123 Teaching Individuals with Disabilities
   - PTE 5143 Advanced Developmental Psychology OR
     - PTE 5822 Advanced Psychology of Childhood OR
   - PTE 5832 Advanced Psych. of Adolescence

3. Admission to the program through the University of Central Oklahoma School Psychology Review Board is a prerequisite to completion of the program.

General Guidelines
1. The minimum requirements for the standard Psychometrist/Educational Diagnostician Certificate include a master’s degree in one of the following areas: psychology, educational psychology, child psychology, special education, counseling, or a related field.
2. The applicant shall pass the School Psychometry State Curriculum Examination prior to being issued a certificate.
3. The applicant must complete a minimum of 28 semester hours of graduate course work as outlined below, beyond the prerequisites.
4. All course work must be completed at the graduate level.
5. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by the University of Central Oklahoma.

School Psychometrist/Educational Diagnostician

Required Courses 25 hrs

A. Core Area - A minimum of twelve semester hours is required with one course in each of the following four areas (1-4)
   - Special Education 3 hrs
     - SPED 5913 Counseling Families of Exceptional Children OR
     - SPED 5443 Behavioral Classroom Management
   - Psychology of School-age Children 3 hrs
     - PSY 5383 Multivariate Analysis OR
     - PTE 5413 Educational Statistics 3 hrs
   - Special Psychology 3 hrs
     - PSY 5233 Psychopathology
   - Statistics 3 hrs
     - PSY 5803 Ind. Test. Tech. - Wechsler 3 hrs
     - PSY 5813 Diagnostic Testing Techniques 3 hrs
     - PTE 5383 Prin. of Tests and Measure. 3 hrs

B. Psychoeducational Diagnostic Procedures 9 hrs
   - PSY 5902 Practicum in Sch. Psychometry 2 hrs (150 clock hours direct service)
   - PSY 5903 Practicum in Sch. Psychometry 2 hrs
   - PTE 5822 Advanced Psychology of Childhood OR
   - PTE 5832 Advanced Psych. of Adolescence

C. Practicum in School Psychometry 2 hrs
   - PSY 5902 Practicum in Sch. Psychometry 2 hrs

D. School Psychological Services 2 hrs
   - PSY 5722 Intro. to School Psych. Services 2 hrs

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 Speech-Language Pathology Certification

<table>
<thead>
<tr>
<th>Speech-Language Pathology Certification</th>
<th>Standard Speech-Language Pathology Certificate (Additional Guidelines)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to provide speech-language pathology services in any accredited school in Oklahoma. A list of required courses may be obtained from the program advisor. The speech-language pathologist is a professional concerned with clinical diagnosis, evaluation and remediation of communication handicaps which impair an individual’s ability to appropriately access social and academic learning experiences. This program consists of an approved program at the undergraduate level and at the graduate level.</td>
<td>1. The applicant must satisfy all requirements related to formal admission to Graduate Studies in the UCO approved program for the Standard Speech-Language Pathology Certificate. 2. The applicant must complete an approved program for the Speech-Language Pathology Certificate which consists of a minimum of thirty-five semester hours of graduate course work culminating in a Master’s Degree. 3. The academic and practicum requirements of the ASHA C.C.C. must be met before an individual can receive a master’s degree in speech-language pathology (SLP) and before standard certification can be recommended. If an individual holds a bachelor degree in an area other than speech-language pathology, a number of prerequisites will be required in the specialization area. The standard requirements for ASHA C.C.C. and the master’s degree combined are greater than the 35 semester hours required for the Master’s Degree alone. Again, the Master’s Degree will not be conferred unless ALL academic and practicum requirements for national certification (ASHA -C.C.C.) have been met. The individual seeking a certificate/degree in speech-language pathology will need to contact an advisor in that area for specifics.</td>
</tr>
</tbody>
</table>

General Guidelines for the Standard Speech-Language Pathology Certificate
1. The applicant must satisfy all criteria for elementary-secondary school certificate programs, including admission to teacher education standards.
2. Individuals who have not previously completed a teacher education program must apply for and be admitted to teacher education at the University of Central Oklahoma before certification will be recommended.
3. The applicant must hold the master’s degree for the Standard Certificate.
4. The applicant shall pass the state curriculum examination in Speech-Language Pathology or the ETS Praxis Series Speech-Language Pathology test prior to being issued a standard certificate/license.
5. The applicant shall have completed at least nine semester hours within the five years immediately preceding the date of application in order to apply for certification. Evidence of speech-language pathology experience in a hospital, other agency, or private practice may be substituted at a rate of three semester hours for each year of experience. If employment is used in lieu of course completion, official verification of employment must accompany the application for certification.
6. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by UCO.
College of Liberal Arts
Criminal Justice Management & Administration (M.A.)

The Master of Arts in Criminal Justice Management and Administration degree program is designed to meet Oklahoma's needs for graduate education in the area of criminal justice management and administration. The curriculum has been developed to provide those individuals having a bachelor's degree in criminal justice or a related field, those who are presently employed in a criminal justice environment, and those wishing to work in the field an opportunity to advance their skills and knowledge, qualifying them for specialized job opportunities in the area of criminal justice.

The Master of Arts in Criminal Justice Management and Administration curriculum also encourages the development of the student’s critical, analytical, and creative abilities related to the subject area. This is accomplished by the development of research skills, class work, and out-of-class projects and practica.

I. Admission Requirements for the M.A. in Criminal Justice Management & Administration Program

Students seeking an M.A. in Criminal Justice Management & Administration must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20. Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Enrollment in this program is limited and students will be considered according to the ranking in C(1)(2)(3)(4) below.

C. A student may be admitted by one of the four following methods:

1. Take the GRE and obtain an Index Score of 5.00 or higher

   The index is determined by the following method:

   \[
   \text{GRE Score Divided by 400} + \ast \text{GPA} = 5.00
   \]

   For example, a GRE score of 900/400 = 2.25 + a GPA of 2.75 = 5.00

   \((\text{Student can use overall GPA or last 60 hours attempted in Index formula.})\)

   OR

2. Possess a master's degree from an accredited university/college with an overall GPA 3.00 and meet the requirements of A, E, F and G, OR

3. Meet the GPA requirement of 2.75 overall, or 3.00 in the last 60 hours attempted, OR


D. All applicants must submit a two page statement of purpose for obtaining this degree and a writing sample as directed by the graduate advisor.

E. A student who does not have an undergraduate criminal justice degree must complete the following or equivalent courses prior to taking the core courses of the Master's Degree in CJ Management and Administration:

   - SOC 3103 Juvenile Delinquency
   - CJ 3653 Police Administration & Organization
   - CJ 4703 Administration of Correctional Institutions
   - CJ 3643 Administration of Justice
   - SOC 3633 Criminology
   - PHIL 4113 Ethics and Criminal Justice
   - CJ 4113 Research Method. in Criminal Justice
   - OR Equivalent Courses
   - OR

F. Meet with the Criminal Justice Graduate Advisor, who will complete a "Recommendation for Admission to the College of Graduate Studies and Research" form for qualified students. The list of prerequisites, if any, will be listed on the "Recommendation for Admission" form. Upon receipt of the completed recommendation form, the JCGS&R will admit the student as either a regular graduate student or, in the event undergraduate prerequisites are mandated, as a "Degree-Grad Prereq: student.

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

After admission and during the student’s first semester, the student will be assigned a Faculty Advisor. Together, the student and Faculty Advisor will develop a formal, written Plan of Study. A signed, completed copy of this Plan of Study must be filed with the Faculty Advisor and the JCGS&R before completion of the first semester. Thesis students will be assigned additional advisors to form a thesis committee.

III. M.A. Criminal Justice Management and Administration Curriculum 36 hrs

In completing the required thirty-six credit hours for the master’s degree, the student will satisfy: (A) the core requirements and the additional degree requirements depending upon whether the student elects the thesis (B) or non-thesis (C) program.

A. Core Courses

CJ 5013 Juvenile Justice Systems Management and Administration
CJ 5093 Police Systems Management and Administration
CJ 5053 Criminal Justice Systems Management and Administration
CJ 5133 Correctional Systems Management and Administration

B. Thesis Option 36 hrs

1. Eighteen (18) hours shall be taken from related areas [See C(1) below]:

2. Six (6) hours will be awarded for the successful completion and defense of a thesis. The student electing the thesis option must demonstrate to the Advisory committee that he/she has the prerequisite background, skills, and motivation for carrying out an original scholarly research project. Further, the student must submit a thesis proposal to his/her Advisory Committee for approval before the thesis project can begin. After the thesis has been completed and approved by the student’s Advisory Committee, the student must undergo and pass an oral examination by his/her Advisory Committee over the research completed. Any graduate student entering in the Fall, 2001 semester and thereafter who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense. A student who successfully completes and defends his/her thesis will not be required to take the comprehensive examination.

C. Non-Thesis Option 36 hrs

(1) Twenty-four (24) hours shall be taken from the following related areas: business, computer science, criminal justice, psychology, political science, sociology, substance abuse studies or other courses approved by advisor.

(2) Comprehensive Examination: Students in the non-thesis option must pass a comprehensive written examination written by the Department of Sociology, Criminal Justice and Substance Abuse studies in the area of Criminal Justice Management and Administration. A minimum score of seventy-five percent (75%) is required on the comprehensive examination to satisfy the requirement for graduation. Failure to pass the comprehensive examination denies graduation until such time as the student is able to satisfactorily complete this degree requirement. The student may take the comprehensive exam two times without penalty. If the student fails the comprehensive exam the second time, additional course work may be recommended by the advisor before the student is allowed to take the comprehensive examination again. On completion of all other degree requirements, a student will have a maximum of two years to satisfactorily complete the comprehensive exam. Extension on this time limit will be considered on an individual basis.

NOTE: No foreign language requirement is included in the Master of Arts in Criminal Justice Management and Administration degree.
Program: English
Degree: Master of Arts (M.A.)

English (M.A.)
The Master of Arts in English is a flexible yet comprehensive program of graduate study fitted to the individual student’s needs. The program provides this flexibility with five separate majors from which the student may choose:

1. Composition and Rhetoric
2. 20th & 21st Century Studies
3. Creative Writing
4. Teaching English as a Second Language (TESL)
5. Traditional Studies

The curricular requirements of the Master of Arts in English degree program encourage the student to develop his or her critical, analytical, and creative abilities in the field of English.

I. Admission Requirements for the MA in English:
Students seeking an MA in English must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Meet the GPA requirement of 2.50 overall or 2.50 in the last 60 hours attempted.

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

II. Advisement for Master of Arts in English
The advisement of graduate students in the MA in English is the responsibility of the Graduate English Faculty. During or before the student’s first semester, the Director of Graduate Studies in English will advise the student. After completing eight graduate semester hours, the student will select a Graduate Advisory Committee consisting of a chairperson and two other faculty members.

Composition and Rhetoric Major

I. Prerequisites for Composition and Rhetoric
Students must have completed 24 undergraduate hours of English language and literature above the first year level with a GPA of 2.75 or higher. The student may take additional undergraduate course work or retake courses in order to obtain the required GPA in this area.

II. Curriculum for Composition and Rhetoric

Course Requirements
A. Students must complete satisfactorily either ENG 5783 Composition Theory and Research OR ENG 5013 Bibliography & Methods of Research.

B. Students must complete satisfactorily ENG 5553 History Rhetoric to 1700
   ENG 5653 History Rhetoric Since 1700
   ENG 5723 Composition Pedagogies.
   If a student has completed satisfactorily ENG 4553 History Rhetoric to 1700, AND/OR ENG 4653 History Rhetoric Since 1700 as an undergraduate, the student may substitute up to 6 hours of ENG 5753 Issues in Rhetoric. If the student has completed ENG 4723 Composition Pedagogies as an undergraduate, the student may substitute ENG 5533 Teaching Methods for TAs.

C. Students must complete satisfactorily 9 hours (3 classes) from the following list:
   ENG 5023 Advanced Technical Writing
   ENG 5033 Issues in Technical Writing
   ENG 5283 English Grammar and Usage
   ENG 5323 History English Language
   ENG 5343 Linguistics
   ENG 5533 Issues in Linguistics
   ENG 5473 Advanced Composition
   ENG 5533 Teaching Methods for TA’s
   ENG 5753 Issues in Rhetoric.

Students may not repeat any course other than those designated as “Issues” courses.

D. At least 20 of the 32 required graduate hours must be in graduate English courses. A maximum of four hours of thesis credit may be included in the 32 required hours.

E. Approved graduate electives must bring the student to the minimum total of 32 graduate hours.

III. Foreign Language Requirement for Composition and Rhetoric
Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:

A. Make a passing grade on a foreign language reading examination to be administered by the Department of Modern Languages, Literatures, and Cultural Studies.

B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.

C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

NOTE: The student should start early in the program to satisfy this requirement.

IV. Thesis or Non-thesis Programs for Composition and Rhetoric
Students may elect to take the thesis or non-thesis program.

V. Final Examination for Composition and Rhetoric

A. Thesis Students
   The examination will be a two-hour oral. Part of the examination will deal with critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis.

   Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.
Program: English  
Degree: Master of Arts (M.A.)

B. Non-thesis Students
Non-thesis students will take a 4-to 6-hour written examination. The examination will evaluate the student's ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.

C. Re-examination
In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.

20th & 21st Century Studies Major
I. Prerequisites for 20th and 21st Century Studies
Student must have completed 24 undergraduate hours of English language and literature above the first year level with a GPA of 2.75 or higher. The student may take additional undergraduate course work or retake courses in order to obtain the required GPA in this area.

II. Curriculum for 20th and 21st Century Studies
This Major allows students to choose either a literature or a film concentration.

Course Requirements
A. Students must complete satisfactorily
   ENG 5113 Studies in Literary Criticism
   3 hours of literature to 1700
   6 hours of literature to 1900 excluding single-author courses

B. Literary Studies Concentration
Students must complete satisfactorily
   ENG 5013 Bibliography and Methods of Research
   3 hours of 20th and 21st Century British Literature
   3 hours of 20th and 21st Century American Literature
   9 Additional hours of 20th and 21st Century Literature

Film Studies Concentration
Students must complete satisfactorily
   ENG 5373 Methods of Film Research
   HUM 5083 Advanced Film Criticism
   ENG 5363 Theories of Film History
   ENG 5433 Classical Hollywood Cinema
   6 hours of approved Film Studies electives

C. At least 24 of the 32 required graduate hours must be in graduate English courses.
D. Approved graduate electives must bring the student to the minimum total of 32 graduate hours.

III. Foreign Language Requirement for 20th and 21st Century Studies
Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:
A. Make a passing grade on a foreign language reading examination to be administered by the Department of

Modern Languages, Literatures, and Cultural Studies.
B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

NOTE: The student should start early in the program to satisfy this requirement.

IV. Thesis or Non-thesis Programs for 20th & 21st Century Studies
Students may elect to take the thesis or non-thesis program.

V. Final Examination for 20th & 21st Century Studies
A. Thesis Students
   The examination will be a two-hour oral. Part of the examination will deal with critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis.
   Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.
B. Non-thesis Students
   Non-thesis students will take a 4- to 6-hour written examination. The examination will evaluate the student's ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.
C. Re-examination:
   In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.

Creative Writing Major
This major requires that the student take half of his or her courses in areas that cover historical literary periods and half in writing.
Note: The student must submit a writing sample (about 20 pages) of a single project during the first semester of enrollment.

I. Prerequisites for Creative Writing
The student must have completed 24 undergraduate hours of English language and literature above the first year level with a GPA of 2.75 or higher. The student may take additional undergraduate course work or retake courses in order to obtain the required GPA in this area.
II. Curriculum for Creative Writing
Course Requirements
A. Students must complete satisfactorily CSDY 5823–Literary Criticism for Creative Writers.
B. Every student must complete satisfactorily a course in five of the following areas of study in his or her graduate program:
   1. Pre 16th-century Literature
   2. 16th-century Literature
   3. 17th-century Literature
   4. 18th-century Literature
   5. 19th-century Literature
   6. American Literature to 1900
   7. 20th-century Literature.
C. Students must take at least two applied writing courses at the University of Central Oklahoma in the genre of their thesis.
D. Approved graduate electives must bring the student to the minimum total of 32 graduate hours.

III. Foreign Lang. Requirement for Creative Writing
Students may satisfy the foreign language requirement in one of the following ways:
A. Complete six hours of undergraduate foreign language with a grade of “B” or better. These hours will not count toward the MA degree.
B. Complete six hours of literature in translation. These courses in translation will generally also fulfill one of the literary period requirements.
C. Requests to satisfy the language requirement through summer travel workshops will be evaluated on an individual basis.

IV. Thesis for Creative Writing
Four hours of thesis work are required with the stipulation that the last hour of thesis be taken during the semester of graduation. The thesis is a book-length manuscript, ideally of publishable quality, such as a novel, full-length play or screenplay, book of poetry, or collection of short stories.
The thesis committee will consist of the thesis director and two or possibly three other committee members. The Director and at least one other committee member must hold the Ph.D.
Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

V. Final Examination for Creative Writing
The thesis must be defended in a one-hour oral examination. Students should also demonstrate familiarity with contemporary writing in the area of the thesis.

Teaching English as a Second Language (TESL) Major
The TESL major is an interdisciplinary program that incorporates course work from the College of Education and the College of Liberal Arts.

I. Prerequisites for (TESL) Major
   The student must have completed 15 undergraduate hours of English language and literature. If applicants have not completed 15 undergraduate hours of English, they will be required to take additional hours of English courses at UCO to meet the requirement.

II. Curriculum for TESL
Course Requirements
A. Students must complete satisfactorily either:
   PTE 5013 Foundations of Educational Research
   OR
   ENG 5013 Bibliography Methods of Research.
B. Students must complete satisfactorily
   TESL 5313 Testing and Evaluation in Bilingual and TESL Classrooms
   ENG 5413 TESL Grammar
   TESL 5763 Second Language Acquisition
   TESL 5783 Teaching Eng. as a Second Language.
C. Students must complete satisfactorily one course in Literature before 1900.
D. Students must complete satisfactorily one course in Literature since 1900.
E. Students must complete satisfactorily one course in the area of Linguistics.
F. At least 20 of the 32 required graduate hours must be in graduate English courses. A maximum of four hours of thesis credit may be included in the 32 required hours.
G. Approved graduate electives must bring the student to a minimum total of 32 hours.

III. Foreign Language Requirement for TESL
Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:
A. Make a passing grade on a foreign language reading examination to be administered by the Department of Modern Languages, Literatures, and Cultural Studies.
B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University of Central Oklahoma. These hours will not count toward the MA degree.
C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.
D. English fulfills the foreign language requirement for non-native speakers of English.
NOTE: The student should start early in the program to satisfy this requirement.

IV. Thesis or Non-thesis Programs for TESL
Students may elect to take the thesis or non-thesis program.
## V. Final Examination for TESL

A. Thesis Students

The examination will be a two-hour oral. Part of the examination will deal with critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis.

Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

B. Non-thesis Students

Non-thesis students will take a 4- to 6-hour written examination. The examination will evaluate the student’s ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.

C. Re-examination:

In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.

## Traditional Studies Major

### I. Prerequisites for Traditional Studies

Student must have completed 24 undergraduate hours of English language and literature above the first year level with a GPA of 2.75 or higher. The student may take additional undergraduate course work or retake courses in order to obtain the required GPA in this area.

### II. Curriculum for Traditional Studies

#### Course Requirements

A. Students must complete satisfactorily ENG 5013 Bibliography Methods of Research.

B. Every student must complete satisfactorily a course in six of the following areas of study in his or her graduate program:

1. British Literature of the Elizabethan Age or before
2. British Literature of the 17th century
3. British Literature of the 18th century
4. British Literature of the 19th century
5. American Literature to 1900
6. Contemporary British or American Literature
7. Composition and Rhetoric.

This requirement may be satisfied with an author course, a period course, or a genre course if it is restricted to the age indicated. The student’s Advisory Committee will evaluate the student’s transcript and indicate what courses the student must take.

C. At least 24 of the 32 graduate hours required for the MA English degree must be in graduate English courses. Students may take up to eight hours outside the department with the approval of the Advisory Committee. A maximum of four hours of thesis credit may be included in the 32 required hours.

D. Approved graduate electives must bring the student to the minimum total of 32 graduate hours.

### III. Foreign Language Requirement for Traditional Studies

Students must demonstrate a reading knowledge of one foreign language. Students may satisfy this requirement in one of the following ways:

A. Make a passing grade on a foreign language reading examination to be administered by the Department of Modern Languages, Literatures, and Cultural Studies.

B. Make a “C” or better in a minimum of six credit hours in a single foreign language at the University Of Central Oklahoma. These hours will not count toward the MA degree.

C. Produce evidence of having made a “C” or better in a minimum of six credit hours in a single foreign language at an approved college or university. These hours will not count toward the MA degree.

**NOTE:** The student should start early in the program to satisfy this requirement.

### IV. Thesis or Non-thesis Programs for Traditional Studies

Students may elect to take the thesis or non-thesis program.

### V. Final Examination for Traditional Studies

A. Thesis Students

The examination will be a two-hour oral. Part of the examination will deal with critical concepts relevant to the student’s program of study, and part of it will deal with the subject matter of the student’s thesis.

Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

B. Non-thesis Students

Non-thesis students will take a 4- to 6-hour written examination. The examination will evaluate the student’s ability to handle critical concepts relevant to his or her program of study. Upon satisfactory completion of the written exam, the student will take a one-hour oral examination administered by his or her Advisory Committee.

C. Re-examination:

In the event of unsatisfactory performance on the final examination, the student may petition to be re-examined in the graduate exam period of the following semester. Re-examination will be allowed only twice. If the student performed adequately on part of the examination, he or she will be re-examined only on that portion on which he or she was unsuccessful.
The Master of Arts in History is designed for those who wish to further their knowledge of history and the historian's craft, prepare for doctoral programs, or pursue professional goals through the Social Studies Teaching or Museum Studies majors. Course offerings reflect the Department of History and Geography's commitment to developing an awareness and understanding of diverse cultures, contemporary global trends, and global interdependence.

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

Students seeking a M.A. in History must hold a bachelor's degree from an accredited college or university with at least 18 hours of history with a grade point average of 3.00. In addition, applicants must fulfill the following requirements before they will be formally admitted to the program.

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Meet the GPA requirement of 2.75 overall, and 3.00 in the last 60 hours attempted.

C. Complete HIST 3113 Historical Research or be able to demonstrate research ability as determined by the Director of Graduate Studies (Graduate Advisor) and the Chair of the Department of History and Geography.

D. Applicants to the Master of Arts in History - Social Studies Teaching must supply the Jackson College of Graduate Studies & Research with documentation showing possession of a current Oklahoma Standard Teaching Certificate or License.

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

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

II. Advisement

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 Advisory Committee for students for the Master of Arts in History - Social Studies Teaching will include three members from the content areas and one member from the College of Education. The Advisory Committee must be created before the second semester of enrollment.

The department's Director of Graduate Studies will maintain all student records and will serve as an advisor in supervising the student's progress toward a degree.

III. M.A. in History Curriculum..............33 hrs

A. Master of Arts in History

1. Core Courses....................................6 hrs
   HIST 5013 Historiography..........................3 hrs
   HIST 5910 Research Seminar in History.........3 hrs

Note: HIST 5910 is a number used for three types of courses. “HIST 5910 Res.” designates research seminars, which require production of a paper based on original research and significant use of primary sources. “HIST 5910 Rdg.” designates readings seminars, which involve reading and discussion. Both HIST 5910 Res. and HIST 5910 Rdg. courses are graduate-only courses. “HIST 5910 Top.” designates a topics course that will be cross-listed with an undergraduate topics course.

2. Additional Requirements
   a. At least one course must be taken in each of the following categories of history:
      1. United States History
      2. European History
      3. Asian, Latin American, and/or Middle Eastern History

   b. It is recommended that each student will take at least 12 hours in one category of history and 6 hours in a second category of history. The student's advisory committee will provide direction in the categories of courses on which the student may focus to achieve expertise and depth.

   c. At least 12 credit hours must be earned in courses taught only at the 5000-level (i.e. courses not cross-listed with 4000-level courses). The core courses (HIST 5013 Historiography and HIST 5910 Res.) will count toward these 12 hours. Likewise, HIST 5910 Rdg. will count toward these 12 hours. HIST 5910 Top. courses and thesis hours will not count toward this requirement.

   d. Each student must complete additional courses in history and/or other related areas, approved by the student's advisory committee, to complete a total of 33 hours.

B. Master of Arts in History - Museum Studies18 hrs

1. Core Courses
   HIST 5013 Historiography..........................3 hrs
   HIST 5910 Seminar in History......................3 hrs
   HIST 5523 Museum Management....................3 hrs
   HIST 5623 Museum Theory & Practice..............3 hrs
   HIST 5950 Internship................................6 hrs

The internship will be under the supervision of the Director of Museum Studies, who has a set of guidelines to be followed with each internship. It may be taken in one semester or split over two semesters.
Program: History
Degree: Master of Arts (M.A.)

2. Additional Requirements
   Any graduate history courses 6 hrs
   Electives in history or other courses 9 hrs
   These courses must be approved by the student’s advisory committee and may include thesis hours.

C. Master of Arts in History - Social Studies Teaching
1. United States History 6 hrs
2. World History 6 hrs
3. Geography 6 hrs
4. Political Science 3 hrs
5. Political Science, Economics, or Sociology 3 hrs
6. Education 5-9 hrs
   The 5-9 hours in Teacher Education must be selected from the following:
   - PTE 5012 Found. of Educational Research 3 hrs
   - PTE 5963 Materials and Methods in Middle School Teaching 0-3 hrs
   (This course is required only if PTE 4963 Materials and Methods in Middle School Teaching has not already been taken for undergraduate credit.)
   - One of the following 2-3 hrs
     PTE 5112 Modern Philosophy of Education
     PTE 5142 History of Education
     PTE 5172 Educational Sociology
7. Additional Electives in Social Studies content areas, 0-4 hrs. If additional hours are needed to total 33 hours, additional hours may be taken from areas 1-5 listed above.
8. Portfolio. A portfolio is required. It will include select samples of the student’s work in both the content and education classes. A copy of the portfolio guidelines will be provided by the Graduate Advisor in the Department of History and Geography when the student is admitted to the program.
9. Seminars. A minimum of 6 hours of the Social Studies courses must be seminars.

D. Thesis Option
   Students for the General History and Museum Studies major may submit a thesis as part of their work. (The Social Studies Teaching major is strictly non-thesis.) The faculty member who directs the thesis will also serve as the Chair of the student’s Advisory Committee.
   Each student who writes a thesis will be required to take an oral examination of about two hours. One hour will be devoted to the defense of the thesis, and the other hour to an examination of the student’s graduate course work. Any graduate student entering in the Fall, 2001 semester and thereafter who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Graduate Council will be present at the defense.
   Students who choose to write a thesis must enroll in HIST 5990 - Thesis for a total of six hours.
   In addition, the Advisory Committee may require the candidate to have a reading knowledge of a foreign language or other research tool which they believe essential for the completion of the thesis. The committee will strongly advise all students who plan to continue their graduate studies on the doctoral level to have at least one foreign language.

E. Final Examinations
   Final examinations are required of all students. In each case, the student’s Advisory Committee will serve as the Examining Committee.
   Non-thesis students for the General History and Museum Studies major will take written examinations prepared by their advisory committees. These students will also take an oral examination of one to two hours defending the written exam and covering their graduate course work.
   Students in the Social Studies Teaching major will take oral examinations. Each exam will be from one to two hours and will cover the graduate work taken by the student.
Program: Political Science

Degree: Master of Arts (M.A.)

Political Science (M.A.)

The Master of Arts in Political Science is a flexible, yet comprehensive program designed to provide students with advanced preparation in political science and, depending on the program, in related fields in the social sciences. Majors are offered in International Affairs, Public Administration, and General Political Science. The General and International Affairs majors can be taken during the day or evening, while the Public Administration major is expressly designed as an evening program for working adults.

Political Science Graduate Advisor—Dr. Jan Hardt, 974-5840, FAX: 405-974-3823, E-mail: jhardt@ucok.edu, Department of Political Science, 100 N. University Drive, Campus Box 182, UCO, Edmond, OK 73034-5209

I. Admission Requirements for the M.A. in Political Science Program:

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Obtain an Index Score of 5.00. The index score is determined by the following method:

\[
\text{Index Score} = \frac{\text{GRE Score}}{500} + \text{GPA} > 5.0 \text{ AND 3.5 on the writing exam}
\]

(For example, a GRE of 900/500=1.8+GPA of 3.25=5.05)

C. Meet with the graduate advisor, who will complete a Program Advisor Recommendation form to the Jackson College of Graduate Studies and Research form for qualified students. Upon receipt of the completed recommendation form, the JCGS&R will admit the student for graduate studies.

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

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

F. Complete 18 hours of undergraduate Political Science courses and/or related social science disciplines. The suitability of courses other than political science is decided by the advisor.

G. Produce evidence of achievement of the Index as listed above and 3.5 on the Writing Assessment portion of the Graduate Record Examination (GRE). For more information on the GRE exam, contact Prometric Testing Center, 2224 N. W. 50th St., Oklahoma City, OK 73112, (405) 843-8378 or visit www.gre.com on-line.

H. Students may also be admitted as a conditional admission student. See page 18 for Admission - Conditional Status Criteria.

II. Advisement

The Chairperson of the department will assign an advisor from among the graduate faculty of the Political Science department to advise the student during the course of his/her graduate study. Other members of the faculty may be called upon as needed.

III. M.A. in Political Science 36 hrs

Students must complete a minimum of 36 semester hours of graduate-level work, including a minimum of 18 hours in political science. Students may take course work in other disciplines as appropriate to their individual interests and program of study. In completing the required 36 graduate hours, students must satisfy the requirements for the Common Core, Research Component, and Major of their choice as indicated below.

A. Common Core 12 hrs

- POL 5023 Scope of the Discipline
- POL 5033 Research Methods
- POL 5153 American Politics
- POL 5813 Political Philosophy

B. Research Component 6 hrs

The student will fulfill the following requirement, in consultation with the faculty advisor:

- POL 5990 Thesis 6 hrs

The thesis must be publicly defended at a time arranged by the chair of the student’s thesis committee.

C. Subject Area Competency Examination Component

The student will pass a Subject Area Competency Examination in one of the following subject areas:

- American Government
- International Relations
- Comparative Government
- Public Administration
- Public Law

Examinations will be established on a schedule determined by the Graduate Advisor. Students may re-take an exam only once and only upon approval by the Graduate Advisor.

General Political Science Major

This major is designed to enable students to achieve competence in the professional practice of political science -- teaching, research, and related activities -- through a program of study in which they acquire appropriate analytical skills, a general knowledge of the discipline, and more specific knowledge of selected subfields.
## Political Science

### Required Courses 6 hrs

- POL 5223 The Presidency
- POL 5253 The Congress
- POL 5263 Judicial Process
- POL 5603 Theories of International Relations
- POL 5703 Theories of Comparative Politics
- POL 5913 Seminar in Political Science

### Electives 12 hrs

#### International Affairs Major

This major is designed for students who desire to focus their graduate study in international and comparative politics. Students may choose to concentrate in either international political economy or foreign policy and security studies.

### Required Courses 6 hrs

- POL 5603 Theories of International Relations
- POL 5703 Theories of Comparative Politics

### Electives 12 hrs

#### Public Administration Major

The curriculum for this major is intended to provide students a foundation in public policy, with a particular emphasis on the urban context. Students may choose from courses in political science or related disciplines to pursue areas of interest within the broader field of urban affairs.

### Required Courses 6 hrs

- POL 5193 Public Finance and Municipal Budget
- POL 5413 Public Policy Analysis

### Electives 12 hrs
International Studies Program

The International Studies Program is not a departmental major which leads to a degree, but is an interdisciplinary program intended to complement a major, and can be taken in conjunction with any degree program. It includes courses having international content which are offered by various departments, such as history, political science, geography, foreign languages, economics, humanities, business, education, and others.

The International Studies Program is designed for students who wish to learn about foreign countries and cultures, as well as relations among nations. The program is helpful to students who wish to apply the skills learned in their master’s program in a foreign setting, such as:

1. Business majors who want to work for companies having international operations.
2. Education majors who wish to teach abroad.
3. Journalism majors who want to report on happenings in other countries.
4. Military science students who, as officers, may be given major assignments or become involved in defense planning.
5. Other majors who wish to broaden their knowledge to include international affairs.

The Graduate International Studies Program consists of 12 hours of graduate courses with significant international content including two one-hour International Studies Program workshops. The student must demonstrate a proficiency in two United Nations approved languages.

Completion of the program is recognized on the student’s transcript upon graduation by a statement indicating the area of specialization.

For further information, contact:

Dr. Jeffrey Plaks, Program Director
LA Room 204A
Department of History and Geography
jplaks@ucok.edu
College of Mathematics and Science
Program: Applied Mathematical Science
Degree: Master of Science (M.S.)

Applied Mathematical Science (M.S.)

The Master of Science Degree in Applied Mathematical Sciences at the University of Central Oklahoma is designed to prepare students to meet the demands of industry, business, and government for individuals with expertise in the applications of the mathematical sciences. While ensuring sound mathematical training, the degree program concentrates on the development of widely applicable intellectual skills and provides experience with concrete problems. It requires students, depending upon their interests, to select an area of concentration from four majors:

- Mathematics
- Computer Science
- Statistics
- Mathematics Teaching

The primary objectives of the Master of Science Degree in Applied Mathematical Sciences are:

1. to provide students with the skills necessary for successful competition in the job market areas of applied mathematical sciences.
2. to help meet the growing demands of business and society in the area of applied mathematical science.
3. to provide students with a proper foundation for a continuing education in applied mathematical sciences.
4. to provide preparation for teachers of the mathematical sciences in a setting that is applications-oriented.

I. Admission Requirements – Applied Mathematics

Applicants for this graduate program must have either an undergraduate degree in the discipline or sufficient course work in the field to provide the background required. Additional prerequisites may be required by the program. Students seeking an M.S. in Applied Mathematical Sciences must fulfill the following requirements before they will be formally admitted to the program:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. See page 20.

B. Achieve a minimum grade point average of 3.00 overall, and a 3.00 in the last 60 hours of courses attempted.

C. Exhibit proficiency in one algorithmic computer language.

D. Complete a minimum of three (3) semester hours of English Composition in residence at an accredited college or university in a predominantly English-speaking country.

E. Complete all prerequisite courses for the program:

1. Core requirements for all majors:
   - Matrix Algebra or Linear Algebra
   - Differential Equations
   - Numerical Analysis I
   - Analysis 1 or Advanced Calculus 1
   - Mathematical Statistics I

2. Additional prerequisites – Computer Science major
   - Discrete Mathematics
   - Programming I and II
   - Assembly Language
   - Data Structures

3. Additional Prerequisites – Statistics major
   - Statistical Methods I

Prerequisites are regarded as deficiencies and will not be counted as part of the 36 graduate hours required for the M.S. Degree.

Transfer students will be required to present a letter from their previous school or university showing the student was in good academic standing at the time he or she left that university.

If it is unclear from a student’s transcripts and supporting documentation whether a prerequisite has been met, the student may be required by the graduate advisor to either pass an examination or obtain a minimum grade of “B” (3.00) in a designated course(s) at UCO.

II. Advisement

The Graduate Advisor in the Department of Mathematics and Statistics will advise students interested in obtaining the Master of Science in Applied Mathematical Sciences. As early as feasible, three members from the Department of Mathematics and Statistics and the Department of Computer Science will be appointed to serve as an Advisory Committee. The requests of the student will be given consideration in the selection of the Advisory Committee. One member of the Committee will serve as chairperson, and will assume the major responsibility of advising the student.

III. Applied Mathematical Sciences Curriculum 36 hrs

A. Core Requirements 9 hrs
   - MATH 5113 Operations Research I
   - STAT 5123 Mathematical Statistics II
   - MATH 5143 Advanced Calculus for Applications I

B. Mathematics Major 9 hrs
   - MATH 5153 Advanced Calculus for Applications II
   - MATH 5183 Numerical Analysis II
   - MATH 5453 Mathematical Modeling

C. Electives 12 hrs
   - Chosen from Mathematics and Statistics courses
   - Research 3 hrs
   - MATH 5853 Introduction to Research
   - MATH 5980 Graduate Project or
   - MATH 5990 Graduate Thesis or
   - an additional MATH or STAT course

D. Computer Science Major
   - CMSC 5023 Programming Languages
   - CMSC 5063 Networks
Applied Mathematical Science

Electives 12 hrs
Must include 6 hours of Computer Science and 6 hours of Mathematics

Research 3 hrs
MATH 5853 Introduction to Research Project, Thesis or Additional Coursework 3 hrs
MATH 5980 Graduate Project or MATH 5990 Graduate Thesis or an additional MATH or STAT course

3. Statistics Major
STAT 5103 Statistical Methods II
STAT 5213 Statistical Methods III
STAT 5353 Probability Theory

Electives 12 hrs
chosen from Mathematics and Statistics courses.

Research 3 hrs
MATH 5853 Introduction to Research Project, Thesis or Additional Coursework 3 hrs
MATH 5980 Graduate Project or MATH 5990 Graduate Thesis or an additional MATH or STAT course

*Currently taught as Seminar Courses

4. Mathematics Teaching Major
MATH 5103 The Real Number System
MATH 5203 Foundations of Mathematics
MATH 5433 Theory of Functions OR
MATH 5453 Mathematical Modeling

Electives 12 hrs
chosen from Mathematics and Statistics courses

Research 3 hrs
MATH 5853 Introduction to Research Project, Thesis or Additional Coursework 3 hrs
MATH 5980 Graduate Project or MATH 5990 Graduate Thesis or an Additional MATH or STAT course

Enrollment in Math 5980 (project) and Math 5990 (thesis) will be limited to those candidates who have excelled in Math 5853 (Introduction to Research) and who have the approval of the Graduate Advisor and the candidate’s advisory committee. A member of the candidate’s advisory committee will direct the thesis or project. A maximum of three hours of credit will count towards the degree upon acceptance of the project/thesis by the student’s advisory committee.

Any graduate student entering in the Fall, 2001 semester and thereafter who elects to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Graduate Council will be present at the defense.

B. Final Examinations
Each candidate is required to take a written examination of four hours over his/her graduate course work with the approval of the advisory committee. If the examining committee should find the candidate’s performance on the comprehensive examination unsatisfactory, the candidate may petition the Director of Graduate Studies to be re-examined. Request for re-examination will not be granted more than one time.
Biology (M.S.)

The Master of Science in Biology program provides students with breadth and depth of training in Biology beyond that provided by the baccalaureate degree. Students may select either the Field/Laboratory or Literature Thesis options. Both options provide students with a Capstone experience consisting of a thesis that addresses scientific question, objectives, or hypotheses using the scientific method.

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

I. Admission Requirements for the M.S. in Biology:

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404 NUC. See page 20.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. A 2.50 or higher GPA in all undergraduate hours attempted and a 3.00 or higher GPA in the last 60 undergraduate hours attempted.

C. Satisfactory completion of 18 hours of Biology and 10 hours of Chemistry.

D. A completed Biology Program application form.

E. Three letters of reference from individuals acquainted with the applicant’s academic record or employment record.

F. Must take the GRE (Verbal and Quantitative tests, scoring a minimum of 900) and obtain an Index Score of 5.5 or greater. The Index is determined by the following method:

$$\text{GRE Score Divided by 400} + \text{GPA} > 5.5$$

For example: GRE score of 900/400 = 2.25 + GPA of 3.25 = 5.5

*student may use last 60 hours completed in Index formula

G. Written acceptance by a Graduate Faculty member of the Department of Biology willing to serve as major advisor.

H. Written acceptance for admission by the Graduate Committee.

II. Requirements in the First Year of the Biology MS Program

Students seeking an M.S. in Biology must fulfill the following requirements before they complete the first year of the program:

A. Take the advisory exam in Biology.

B. Select a thesis committee, consisting of at least three Graduate Faculty members in the Biology Department.

C. Submit a formal plan of study. A copy of this plan of study, signed by the student and the thesis committee, must be filed with the department and the JCGS&R no later than the end of the first academic year of enrollment.

III. Graduate Course Work 26-30 hrs

A. Prerequisites: Complete with a minimum grade of “C.” College Algebra, Organic Chemistry, one course in Physics. Additional prerequisites, as determined by the thesis committee, and as described in the plan of study, must be completed with a minimum grade of “C.”

B. BIO 4012 or BIO 5012 Introduction to Biology Research

C. To ensure that students are broadly educated in biology, each student must have satisfactorily completed (during either their undergraduate or graduate work) at least one 3000, 4000, or 5000 level course in each of the following core areas: Plant Biology, Animal Biology, Microbiology, Cellular Biology, Genetics, and Environmental Biology. The plan of study should be designed based on this requirement and the student’s academic record.

D. Students should complete all graduate course work with a minimum GPA of 3.00.

IV. Degree Options

A. Thesis (Field/Laboratory Option) 6 hrs

This option is based on research that addresses questions, objectives, or hypotheses using original research in the field or laboratory. A maximum of six semester hours will count toward the degree upon acceptance of the thesis by the student’s Advisory Committee.

B. Thesis (Literature Option) 2 hrs

This option is based on research that addresses questions, objectives, or hypotheses using data from the literature. A maximum of two semester hours will count toward the degree upon acceptance of the thesis by the student’s thesis committee.

V. Comprehensive Examination

A. Each student is required to pass a final written examination which will test the candidate’s proficiency in each of the areas listed under III. C. above.

B. Each student is required to make an oral presentation of the thesis to the Faculty.

C. Each student is required to pass an oral examination over the thesis, to be administered by the student’s thesis committee.

NOTE: Any graduate student entering in the Fall, 2001 semester and thereafter who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Graduate Council will be present at the defense.

V. Comprehensive Examination

A. Each student is required to pass a final written examination which will test the candidate’s proficiency in each of the areas listed under III.C. above.

B. Each student is required to make an oral presentation of the thesis to the Faculty.

C. Each student is required to pass an oral examination over the thesis, to be administered by the student’s thesis committee.

NOTE: In the event of an unsatisfactory performance on any of these examinations, the candidate may petition to be re-examined during the graduate exam period of the following semester. Re-examination, except in extraordinary circumstances, will be allowed only once.
Engineering & Physics (M.S.)

The Department of Physics & Engineering offers graduate study leading to the Master of Science in Engineering & Physics (MSEP). As technology advances, the boundaries between traditional physics and other academic disciplines blur. As a result, new and exciting opportunities are appearing for the application of physics to problems outside of traditional physics. The MSEP program is designed so that its graduates can pursue careers in diverse interdisciplinary fields in industry and technology. The program also provides advanced study in applied physics for traditional students and those intending to pursue the Ph.D. in Physics and Engineering.

The MSEP program requires 32 semester credit hours beyond the BS degree, and for well prepared students, can be completed in about two years. Course work in the core fields of physics is required of all students. Additional advanced courses are chosen with the guidance of the student's Advisory Committee. Students generally choose their research advisors by the end of their first year of graduate study.

The MSEP program encourages students to select elective courses from disciplines other than engineering and physics, such as chemistry, computing science, mathematics, business, and management. This enables students to tailor programs of study according to their particular interests and situations. The majority of course offerings for the MSEP are scheduled in the evening for the convenience of working students.

Students may write a thesis in fulfillment of requirements or by completing formal class work alone in the non-thesis option. The MS thesis must be defended in a final oral presentation.

I. Admission Requirements for the M.S. in Engineering & Physics Program

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

A. Apply for admission to the College of Graduate Studies & Research, Room 404, NUC. See page 20.

Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standards.

B. Achieve a minimum grade point average of 3.00 overall, and a 3.00 in the last 60 hours of courses attempted.

C. Complete all prerequisites, if any, as determined by the graduate advisor. Transcripts must indicate credit in at least 24 hours of physics, or the equivalent, and mathematics through Differential Equations. Students with deficiencies will be advised to complete 3000 and 4000-level courses in physics and engineering as preparation for the 5000-level courses.

D. Transfer students will be required to present a letter from their previous school or university showing the student was in good academic standing at the time he or she left that university.

II. Engineering & Physics Curriculum ............... 32 hrs

Requirements for the MS Degree in Engineering & Physics include the completion of 32 credit hours of graduate-level courses beyond the B.S. degree. The student may select either the non-thesis option or the thesis option. The thesis option requires the submission and public defense of an acceptable thesis based on independent research activities.

A. Core Courses ........................................ 21 hrs

The following core courses must be completed:

- PHY 5013 Mathematical Physics II
- PHY 5443 Quantum Mechanics

To complete the core requirements, at least four of the following courses must also be completed:

- ENGR 5233 Thermal Science
- ENGR 5163 Engineering Optics
- ENGR 5443 Fluid Dynamics
- ENGR 5613 Photonics
- ENGR 5990 Thesis
- PHY 5033 Nuclear Physics
- PHY 5043 Solid State Physics
- PHY 5063 Analytical Mechanics
- PHY 5083 Electromagnetic Radiation
- PHY 5103 Classical Mechanics with Applications
- PHY 5203 Applied Electrodynamics
- PHY 5990 Thesis

ENGR 5990 and PHY 5990 may only be taken by students electing the thesis option and may comprise up to a maximum of six semester hours.

B. Electives to total 32 hours ......................... 11 hrs

All electives must be approved by the student’s advisement committee and selected from graduate-level courses in physics, engineering, mathematics, computer science, chemistry, business, management, or related fields as approved by the student’s advisement committee.

III. Thesis Option

The focus of the MSEP program is a thesis based on research conducted under the supervision of a faculty advisor. While a non-thesis degree option is available, students are strongly encouraged to choose the thesis option.

Any graduate student who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense. See thesis format and submission requirements in this catalog.
Program: Forensic Science  
Degree: Master of Science (M.S.)

Forensic Science (M.S.)

Admission to the program is restricted to Fall semesters only.

The M.S. in Forensic Sciences is a program designed to provide graduate education for existing or future law enforcement personnel, forensic laboratory analysts and forensic nursing professionals. The program offers majors in Technical Investigations, Criminalistics and Forensic Nursing. The Technical Investigations major is designed for those individuals who have a background or an interest in some aspect of law enforcement which involves crime scene investigation. The Criminalistics major is intended for those interested in or involved in analyzing evidence and will require a strong background or major in the physical or natural sciences. The Forensic Nursing major is designed for registered nurses who hold a bachelor’s degree in nursing or a related field, and who wish to pursue a forensics career.

Enrollment in the MS in Forensic Sciences program is limited. To be considered for admission to the program for the Fall Semester, the completed application must be received in the Graduate Office no later than the last working day of the first week of the preceding March. The documentation must contain the Application for Admission to Graduate Studies, official transcripts, satisfactory GRE scores, and two letters of recommendation from faculty who can evaluate academic potential.

I. Admission Requirements for the M.S. in Forensic Sciences Program:

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

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

A. Apply for admission to the Jackson College of Graduate Studies and Research, Room 404, NUC. See page 20.

Note: No student will be admitted to this program or to the College of Graduate Studies & Research who does not meet the program admission standards.

B. Attain a GPA of 2.75 or higher in all undergraduate hours attempted or have earned a Master’s degree from an accredited institution.

C. Attain a combined score of 1000 on any two of the three GRE subscales. The score on the analytical writing section will be converted according to the following formula and example:

\[(\text{Reported Score} \times 100) + 200 = \text{Converted Score}, \text{ e.g.} \ (3.5 \times 100) + 200 = 550\]

Scores must be submitted before acceptance to the program.

D. Complete all prerequisites, if any, as determined by the graduate advisor. Prerequisites must be completed during the first year, and grades earned in these prerequisite courses will be included in the undergraduate GPA considered for admission to the program.

E. Transfer students will be required to present a letter from their previous school or university showing the student was in good academic standing at the time he or she left that university.

F. Submit two letters of recommendation from faculty who can evaluate academic potential.

II. Advisement

The Director of the program in concert with the program’s Academic Advisement Committee will assign an advisor from among the graduate faculty from the appropriate department. The advisor will develop the plan of study and advise the graduate student during the course of his/her graduate studies. The Plan of Study must be filed with the Jackson College of Graduate Studies and Research by the end of the first semester.

III. M.S. in Forensic Sciences Curriculum 34 hrs
Students must complete a minimum of 34 hours of graduate level work, including a core of 13 hours and a minimum of 21 additional hours in one of the majors.

A. Core Courses 13 hrs

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ</td>
<td>5313 Ethics and Testimony</td>
</tr>
<tr>
<td>POL</td>
<td>5323 The Constitution &amp; Criminal Procedure</td>
</tr>
<tr>
<td>FRSC</td>
<td>5143 Crime Scene Investigation &amp; Reconstruction</td>
</tr>
<tr>
<td>FRSC</td>
<td>5102 Physical Aspects of Forensic Science</td>
</tr>
<tr>
<td>FRSC</td>
<td>5202 Biological Aspects of Forensic Science</td>
</tr>
</tbody>
</table>

B. Major Requirements 21 hrs

Forensic Science
Program: Forensic Science  
Degree: Master of Science (M.S.)  
College: Mathematics and Science

| 1. Criminalistics  
<table>
<thead>
<tr>
<th><strong>Required Courses</strong></th>
<th><strong>18-20 hrs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>FRSC 5112 Physical Aspects of Forensic Science Laboratory</td>
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</tr>
<tr>
<td>FRSC 5212 Biological Aspects of Forensic Science Laboratory</td>
<td></td>
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<tr>
<td>FRSC 5323 Forensic Toxicology and Laboratory</td>
<td></td>
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<tr>
<td>FRSC 5313 Death Investigation</td>
<td></td>
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<tr>
<td>FRSC 5333 Forensic Molecular Biology &amp; Lab.</td>
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<tr>
<td>BIO 5743 Molecular and Population Genetics</td>
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<tr>
<td>FRSC 5992-4 Thesis OR</td>
<td></td>
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<tr>
<td>FRSC 5902-4 Practicum in Forensic Science</td>
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</tbody>
</table>

**Elective Courses to a minimum of 34 hrs**
- BIO 5443 Microtechniques
- BIO 5443L Microtechniques Laboratory
- BIO 5723 Biometrics
- BIO 5913 Electron Microscopy
- CHEM 5253 Forensic Science Analysis
- CHEM 5253L Forensic Science Analysis Lab
- CHEM 5103 Biochemistry II

| 2. Technical Investigations  
<table>
<thead>
<tr>
<th><strong>Required courses</strong></th>
<th><strong>14-16 hrs</strong></th>
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</thead>
<tbody>
<tr>
<td>CJ 5323 Victimology</td>
<td></td>
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<tr>
<td>FRSC 5313 Death Investigation</td>
<td></td>
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<tr>
<td>FRSC 5413 Bloodstain Pattern Analysis I</td>
<td></td>
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<tr>
<td>JOUR 5413 Techniques of Forensic Photography</td>
<td></td>
</tr>
<tr>
<td>FRSC 5992-4 Thesis OR</td>
<td></td>
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<tr>
<td>FRSC 5902-4 Practicum in Forensic Science</td>
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</tbody>
</table>

**Elective Courses to a minimum of 34 hrs**
- FRSC 5443 Forensic Arson Investigation
- FRSC 5423 Bloodstain Pattern Analysis II

Any course(s) from the Criminalistics or Nursing Majors for which prerequisites have been met.

| 3. Forensic Nursing  
<table>
<thead>
<tr>
<th><strong>Required courses</strong></th>
<th><strong>21 hrs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 5513 Psychiatric Forensic Nursing</td>
<td></td>
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<tr>
<td>NURS 5523 Sexual Assault Forensics</td>
<td></td>
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<tr>
<td>NURS 5533 Child Abuse Forensics</td>
<td></td>
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<tr>
<td>NURS 5543 Domestic Violence Forensics</td>
<td></td>
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<tr>
<td>FRSC 5313 Death Investigation</td>
<td></td>
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<tr>
<td>FRSC 5413 Bloodstain Pattern Analysis I</td>
<td></td>
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<tr>
<td>FRSC 5903 Practicum in Clinical Forensics</td>
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</tbody>
</table>

**C. Comprehensive Examination**

Each candidate is required to take a two-part written examination. The first part will cover the core courses and the second part will cover the required and elective courses in his/her major. If the examining committee should find the candidate’s performance on the comprehensive examination is unsatisfactory, the candidate may petition the director of the Forensic Sciences program to be re-examined. Requests for re-examination will not be granted more than one time.

Graduate students who elect or are required to submit a thesis must each publicly defend the thesis before the student will be allowed to graduate. A representative of the Graduate Council will be present at the defense. See thesis format and submission requirements in this catalog as well as the Thesis Guidelines from the Department of Chemistry.

Dr. Dana Rundle, Prog. Dir., 974-5510, drundle@ucok.edu
Dr. David von Minden, 974-5467, dvonminden@ucok.edu
Dr. Linda Steele, 974-5176, lmsteele@ucok.edu
Dr. Sid Brown, 974-5271, sibrown@ucok.edu.
Graduate Faculty
# Graduate Faculty

<table>
<thead>
<tr>
<th>Name, College</th>
<th>Degree, Institution, Date of Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Abernathy, Clayton F.</em>, Education and Professional Studies, AS, Oklahoma State University, 1967; BS, University of Central Oklahoma, 1991; M.Ed., University of Central Oklahoma, 2004</td>
<td></td>
</tr>
<tr>
<td><em>Absher, Anita G.</em>, Education and Professional Studies, BS, Oklahoma State University, 1978; MS University of Central Oklahoma, 1983</td>
<td></td>
</tr>
<tr>
<td>Adamiak, Stanley J., Liberal Arts, BA, University of Vermont, 1988; MA, University of Nebraska, 1990; PhD, University of Nebraska, 1994</td>
<td></td>
</tr>
<tr>
<td><em>Adamson, Shayla</em>, Education and Professional Studies, BS, University of Oklahoma Health Sciences Center, 2000; MS, University of Oklahoma Health Sciences Center, 2002</td>
<td></td>
</tr>
<tr>
<td><em>Adkison, Danny M.</em>, Liberal Arts, BA, Oklahoma State University, 1972; MA, Oklahoma State University, 1975; Ed.D., Oklahoma State University, 1983</td>
<td></td>
</tr>
<tr>
<td><em>Aguirre-Y-Luker, Grant C.</em>, Liberal Arts, BA, University of Central Oklahoma, 1997; MA, University of Central Oklahoma, 1999, JD, Oklahoma City University, 2004(?)</td>
<td></td>
</tr>
<tr>
<td>Ahmad, Riaz, Mathematics and Science, BS, University of Panjib, Pakistan, 1962; MS, West Pakistan Agricultural University, 1967; MS, North Dakota State University, 1971; Ph.D, University of Oklahoma, 1976</td>
<td></td>
</tr>
<tr>
<td><em>Albahadili, Fakhriideen N.</em>, Mathematics and Science, BS, Basrah University, Iraq, 1976; MS, Texas A&amp;M University, 1984; PhD, Oklahoma State University, 1988</td>
<td></td>
</tr>
<tr>
<td>Allan, Elizabeth, Mathematics and Science, BS, University of Oklahoma, 1983; MA, University of California, Riverside, 1990; PhD, University of California, Riverside, 1997</td>
<td></td>
</tr>
<tr>
<td><em>Allen, Steve</em>, Education and Professional Studies, BSEd, University of Oklahoma, 1963; MS, University of Oklahoma, 1973</td>
<td></td>
</tr>
<tr>
<td>Allison, Jerry D., Business Administration, BS, University of Texas at Arlington, 1968; M.Eng., Texas A&amp;M University, 1970; PhD, Oklahoma State University, 1986</td>
<td></td>
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<td><em>Alvarez, Esperanza</em>, Education and Professional Studies, BS, University of Central Oklahoma, 1974; MAR, Oklahoma City University, 1978</td>
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<td>Anderson, Chalon, Education and Professional Studies, BS, University of Central Oklahoma, 1984; M.Ed., University of Central Oklahoma, 1986; PhD, Oklahoma State University, 1989</td>
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<td><em>Anderson, Joyce M.</em>, Education and Professional Studies, BS, University of Central Oklahoma, 1988; MS, University of Central Oklahoma, 1992</td>
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<td>Atkins, LaDonna, Education and Professional Studies, BS, University of Central Oklahoma, 1991; M.Ed, University of Central Oklahoma, 1994; EdD, Oklahoma State University, 2002</td>
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<td>Bahouth, Saba, Business Administration, BS, American University of Beirut, 1975; MS, Vanderbilt University, 1981; PhD, University of Oklahoma, 1991</td>
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<td>Baird, Troy A., Mathematics and Science, BS, San Diego State University, 1978; MS, San Diego State University, 1980; PhD, University of British Columbia, 1989</td>
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<tr>
<td>Baker, James., Liberal Arts, BA, University of Houston, 1965; MA, Tulane University of Louisiana, 1967; PhD, Tulane University, 1971</td>
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<td>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</td>
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<tr>
<td>Bartgis, E. Elaine, Liberal Arts, BA, University of Central Oklahoma, 1986, MA, University of Central Oklahoma, 1988, Ph.D., University of Oklahoma, 1994</td>
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<td>Barthell, John F., Mathematics and Science, BS, University of California at Berkeley, 1985; PhD, University of California at Berkeley, 1992</td>
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<td>Bass, T. David, Mathematics and Science, BS, Lamar University, 1978; MS, Lamar University, 1980; PhD, Texas A&amp;M University, 1985</td>
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<td>Baughman, T. H., Liberal Arts, BA, Stetson University, 1968; MA, Ohio State University, 1969; PhD, Florida State University, 1990</td>
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<td>Beasley, Lori A., Education and Professional Studies, BS, Oklahoma State University, 1978; M.Ed., University of Central Oklahoma, 1981; Ed.D., Oklahoma State University, 1996</td>
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<td><em>Beasley, Stewart R.</em>, Education and Professional Studies, BS, University of Central Oklahoma, 1966; M.Ed, University of Central Oklahoma, 1969; PhD, University of Colorado, 1971</td>
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</table>
Graduate Faculty

*Benoit, Darla, Education and Professional Studies, BS, University of Central Oklahoma, 1996; MS, University of Central Oklahoma, 1998

*Benson, Juana, Education and Professional Studies, BS, Oklahoma State University, 1986; MS, Oklahoma State University, 1990

*Bevel, Tom, Mathematics and Science, 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; M.Ed., University of Central Oklahoma, 1996

*Black, Judith, Education and Professional Studies, BS, Phillips University, 1972; MS, University of Oklahoma Health Sciences Center, 1974; PhD, University of Oklahoma Health Sciences Center, 1989

Black, Stephen, Business Administration, BS, Texas A&M University, 1982; MBA, Oklahoma City University, 1985; PhD, Oklahoma State University, 1995

*Blauser, Bonnie, Education and Professional Studies, BS, Ohio University, 1967; MS, University of Central Oklahoma, 1997

Boliver, David E., Mathematics and Science, BA, Texas Tech University, 1962; MA, Rutgers University, 1966; EdD, Rutgers University, 1971

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

*Breazeale, Carl E., Education and Professional Studies, BS, University of Central Oklahoma, 1972; MS, Central Missouri State University, 1978


Bridges, Timothy R., Business Administration, BS, Ohio State University, 1969; MS, Air Force Institute of Technology, 1978; PhD, University of Oklahoma, 2000

Bristow, Donald G., Arts, Media & Design, BFA, University of Oklahoma, 1962; MFA, University of Oklahoma, 1964; PhD, Texas Tech University, 1984

Brodnax, Mary M., Liberal Arts, BA, Vanderbilt University, 1978; MA, The Johns Hopkins University, 1987

Brooks, Laci, Arts, Media & Design, BS, University of Central Oklahoma, 1992; MS, University of Central Oklahoma, 1996

Brown, Deborah J., Liberal Arts, BA, Southern Nazarene University, 1974; MAT, Rolling College, 1979; PhD, University of Oklahoma, 1994

Brown, Elizabeth, Arts, Media & Design, BFA, Rhode Island School of Design, 1995; MFA, Arizona State University, 1999

Brown, Kathy A., Education 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, 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

*Burnett, George F., Liberal Arts, BS, Oklahoma State University, 1981; JD, Oklahoma City University, 1987

Butler, Christopher, Mathematics and Science, BS, Cornell University, 2000; PhD, University of Oxford, 2004

Byrne, Jesse W., Mathematics and Science, BA, University of Texas at Austin, 1991; MS, University of North Texas, 1993; PhD, University of North Texas, 1998

C

Caddell, Gloria M., Mathematics and Science, BA, University of Alabama, 1974; MA, University of Alabama, 1979; PhD, University of North Carolina at Chapel Hill, 1989

*Caine, Ann, Education and Professional Studies, BAEd, Kansas State University, 1979; M.Ed, Kansas State University, 1981; M.Ed, Oklahoma State University, 1998

Caire, William, Mathematics and Science, BS, Texas Tech University, 1969; MS, University of North Texas, 1972; PhD, University of New Mexico, 1978

Camey, John, Business Administration, BS, University of Maryland, 1980; MBA, Oklahoma City University, 1986; PhD, University of Oklahoma, 1997
Graduate Faculty

Campbell, Tim K., Education and Professional Studies, BSEd, University of Central Oklahoma, 1978; MAEd, Southern Nazarene University, 1985; EdD, Oklahoma State University, 1990

*Canfield, Dennis, Mathematics and Science, BS, Lynchburg College, 1971; MS, City University of New York, 1976; PhD, Northwestern University at Boston, 1988

Carlon, Donna, Business Administration, BS, Iowa State University, 1974; MA, University of Denver, 1977; PhD, University of Denver, 2001

Carrell, Amy, Liberal Arts, BA, Purdue University, 1983; MA, Purdue University, 1985; PhD, Purdue University, 1993

Carter, Karen, Arts, Media & Design, BMEd, Oklahoma State University, 1971; MS, Oklahoma State University, 1976; PhD, University of Oklahoma, 1987

*Chance, Linda, Education and Professional Studies, BSEd, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1985; EdD, Oklahoma State University, 2000

Chandler, Gerald M., Education and Professional Studies, BA, Florida State University, 1967; MA, Florida State University, 1969; PhD, Florida State University, 1985

*Chappell, Brenda A., Liberal Arts, BA, University of Central Oklahoma, 2000; MA, University of Central Oklahoma, 2002

Charoenwongse, Chindarat, Arts, Media & Design, BFA, Chulalongkorn University, 1989; MMEd, Eastman School of Music, 1993; DMA, University of Oklahoma 1998

Chen, Wei, Mathematics and Science, BS, Shandong University, China, 1982; MS, University of Oregon, Eugene, 1984; PhD, University of Oregon, Eugene, 1988

*Chew, Gary Rick, Liberal Arts, BA, University of Oklahoma, 1965; JD, University of Oklahoma, 1969; PhD, University of Oklahoma, 1999

*Christie, Art L., Liberal Arts, BA, University of Missouri, 1964; MA, University of North Dakota, 1976

Clark, Terry M., Liberal Arts BA, University of Central Oklahoma, 1966; MA, University of Iowa, 1969; EdD, Oklahoma State University, 1991

Cleary, Shawna F., Liberal Arts, BA, Central State University, 1985; MA, University of Central Oklahoma, 1992; MA, University of Central Oklahoma, 1993; PhD, University of Oklahoma, 2002

*Cleveland, Harold, Mathematics and Science, BS, Northwestern University, 1962; MS, University of Illinois, 1965; PhD, University of Oklahoma, 1974

Cobb, Donna S., Education and Professional Studies, BS, East Central Oklahoma State University, 1976; M.Ed, East Central Oklahoma State University, 1977; Ed.D, Oklahoma State University, 1991

*Cody, Jenny L., Education and Professional Studies, BSEd, University of Central Oklahoma, 1975; M.Ed, University of Central Oklahoma, 1977

*Coldren, Melanie, Education and Professional Studies, BA, Oklahoma Baptist University, 1971; MS, University of Oklahoma, 1973

Collins, Edward C., Education and Professional Studies, BA, Gonzaga University, 1966; MT, East Central Oklahoma State University, 1967; PhD, University of Oklahoma, 1976

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, Debra, Education and Professional Studies, BS, Oklahoma State University, 1980; MS, Oklahoma State University, 1984; EdD, Oklahoma State University, 2000

*Cook, Jeri Van, Liberal Arts, BS, Northwestern Oklahoma State University, 1977; MA, University of Central Oklahoma, 1991

Cooper, Charles, Mathematics and Science, BS, University of Oklahoma, 1976; MS, University of Oklahoma, 1982; PhD, University of Oklahoma, 1990

*Corum, William R., Business Administration, BS, Millikin University, 1966; JD, Oklahoma City University, 1976

Couts, Patsy M., Education and Professional Studies, BS, Southwestern Oklahoma State University, 1966; MLS, University of Oklahoma, 1984; EdD, Oklahoma State University, 1995

*Cowan, Jerel, Education and Professional Studies, BS, University of Central Oklahoma, 2000; MA, Oklahoma State University, 2004; PhD, Oklahoma State University, in progress

Craig, Dana S., Education and Professional Studies, BS, Southwestern Oklahoma State University, 1975; MA, University of Alabama-Birmingham, 1989; EdD, Oklahoma State University, 1999

Curley, Robert D., Business Administration, BA, State University of New York, 1966; MA, University of Oklahoma, 1970, PhD, University of Oklahoma, 1980

D

Dadlez, Eva, Liberal Arts, BA, Syracuse University, 1978; MLS, Syracuse University, 1982; MA, Syracuse University, 1986; PhD, Syracuse University, 1991

Daun, Joe, Arts, Media & Design, BFA, Florida State University, 1990; MFA, University of Texas at San Antonio, 1994.

*Daves, Marsha, Education and Professional Studies, BS, Oklahoma State University, 1974; M.Ed, University of Central Oklahoma, 1985
Graduate Faculty

<table>
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<th>Name</th>
<th>Education and Professional Studies, BA, University of Central Oklahoma, 1977; M.Ed, University of Central Oklahoma, 1986; Ed.D, Oklahoma State University, 1993</th>
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<tr>
<td>*Davis, Lola</td>
<td>Education and Professional Studies, BA, Oklahoma City University, 1964; M.Ed, University of Central Oklahoma, 1990; PhD, Oklahoma State University, 1993</td>
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<td>*Davis, Rebecca</td>
<td>Education and Professional Studies, BS, University of Science and Arts of Oklahoma, 1999; MS, Oklahoma State University, 2002; PhD, Oklahoma State University, in progress</td>
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<tr>
<td>De Bolt, Darian C.</td>
<td>Liberal Arts, BA, University of Oklahoma, 1968; FBINA, University of Virginia, 1984; MA, University of Oklahoma, 1985; PhD, University of Oklahoma, 1993</td>
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<td>de los Santos, Tomas</td>
<td>Business Administration, BA, Universidad utonoma de Nuevo Leon, 1972; MA, Boston University, 1976; PhD, Clark University, 1988</td>
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<td>*Decoteau, Ginger</td>
<td>Education and Professional Studies, BBA, Southern Nazarene University, 1994; M.Ed, University of Central Oklahoma, 1999</td>
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<td>Dehnert, Lon</td>
<td>Arts, Media &amp; Design, BMEd, University of Kansas, 1976; MM, University of Missouri-Kansas City, 1982; DMA, University of Kansas, 1987</td>
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<td>DeLeon, Dottie</td>
<td>Arts, Media &amp; Design, BA, Oklahoma City University, 1991; MA, Hardin-Simmons University, 1993</td>
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<td>Dennis, Judy</td>
<td>Education and Professional Studies, BS, Colorado State University, 1965; MS, Colorado State University, 1966</td>
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<td>*Denson, Richard</td>
<td>Arts, Media &amp; Design, BFA, Stephens College, 1986; MFA, Temple University, 1988</td>
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<td>Devenport, Jill A.</td>
<td>Education and Professional Studies, BA, State University of New York College at Buffalo, 1976; MS, Southern Oregon State College, 1978; PhD, University of Oklahoma, 1986</td>
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<td>Dickson, Donna</td>
<td>Arts, Media &amp; Design, BFA, University of Oklahoma, 1977; MFA, University of Oklahoma, 1982</td>
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<td>Dickson, Warren</td>
<td>Business Administration, BFA, University of Oklahoma, 1976; PhD, University of Oklahoma, 1994</td>
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<td>Donaldson, Daniel</td>
<td>Liberal Arts, BA, California State University, Fullerton, 1992; MA, California State University, Fullerton, 1994; PhD, Kent State University, 1999</td>
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<td>*Donovan, April</td>
<td>Arts, Media &amp; Design, BFA, Louisiana Tech University, 1996; MFA, University of Texas at San Antonio, 2002</td>
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<th>Education and Professional Studies, BA, University of Oklahoma, 1970; MA, Southern Methodist University, 1972; PhD, University of Kansas, 1978</th>
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<td>*Dunlap, Katie</td>
<td>Education and Professional Studies, BA, College of Wooster, 1966; MAT, Oklahoma City University, 1980; PhD, University of Oklahoma, 1990</td>
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<th>Liberal Arts, BA, Ohio State University, 1985; JD, Ohio State University, 1989; PhD, Ohio State University, 1999</th>
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<tr>
<td>*Eaton, David K.</td>
<td>Education and Professional Studies, BA, University of Central Oklahoma, 1994; M.Ed, University of Central Oklahoma, 1998</td>
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<td>*Echols, David W.</td>
<td>Education and Professional Studies, BS, University of Oklahoma, 1972; JD, Oklahoma City University, 1978</td>
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<td>Eckard, Kevin</td>
<td>Arts, Media &amp; Design, BA, College of Charleston, 1993; MM, Indiana University, 1997; DMA, University of South Carolina, 2002</td>
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<td>*Elliott, Ray C.</td>
<td>Liberal Arts, BS, Southwestern Oklahoma State University, 1975; M.Ed, Southwestern Oklahoma State University, 1975; JD, Oklahoma City University, 1980</td>
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<tr>
<td>Endicott, Jennifer</td>
<td>Education and Professional Studies, BA, University of Oklahoma, 1969; M.Ed, University of Oklahoma, 1975; PhD, University of Oklahoma, 1987</td>
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<tr>
<td>Endres, Daniel J.</td>
<td>Mathematics &amp; Science, BS, University of New Mexico, 1983; MS, University of New Mexico, 1986; PhD., University of New Mexico, 1992</td>
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<td>Epplin, Maryellen P.</td>
<td>Business Administration, BA, Montclair State College, 1975; MS, Iowa State University, 1977; PhD, Oklahoma State University, 1992</td>
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<tr>
<td>Epstein, Robert H.</td>
<td>Business Administration, BS, Cornell University, 1973; MA, University of Denver, 1974; MA, University of Southern California, 1976; PhD, University of Southern California, 1978</td>
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<td>Evans-Groce, LaMonaN.</td>
<td>Liberal Arts, BS, Bishop College, 1971; MS, University of Central Oklahoma, 1975; PhD, University of Oklahoma, 1987</td>
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<td>Ewing, Anne L.</td>
<td>Mathematics and Science, BS, Iowa State University, 1976, MS, UC Berkeley, 1978, PhD, UC Berkeley, 1981</td>
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| Name               | Education and Professional Studies, BA, Oklahoma City University, 1982; MS, Baylor University, 1983; Ed.D, Oklahoma State University, 1997 |

| Fenton, Darla      | Education and Professional Studies, BFA, Oklahoma City University, 1982; MS, Baylor University, 1983; Ed.D, Oklahoma State University, 1997 |
## Graduate Faculty

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<tr>
<td>Ferguson, John M.</td>
<td>Mathematics &amp; Science, BS</td>
<td>University of Kansas, 1987; PhD, Iowa State University, 1993</td>
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<tr>
<td>Fields, Melanie</td>
<td>Education and Professional Studies, BS</td>
<td>University of Central Oklahoma, 1991; MS, Oklahoma State University, 1994; Cert. School Counseling, Northeastern State University, 1996; PhD, Oklahoma State University, 2003</td>
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<tr>
<td>Fly, Pamela</td>
<td>Education and Professional Studies, BSEd</td>
<td>Southwest Missouri State University, 1980; M.Ed, Drury College, 1984; PhD, University of Oklahoma, 1994</td>
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<tr>
<td><em>Font, Raul</em></td>
<td>Education and Professional Studies, BA, University of Puerto Rico, 1974; M.Ed., University of Central Oklahoma, 1984; D.Ed., University of Oklahoma, 2001</td>
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<tr>
<td>Ford, Darrell</td>
<td>Business Administration, BS, Oklahoma State University, 1982; JD, MBA, University of Texas, 1986</td>
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<tr>
<td>Ford, David A.</td>
<td>Liberal Arts, BA, Oral Roberts University, 1973; MS, Oklahoma State University, 1975' PhD, Oklahoma State University, 1988</td>
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<tr>
<td><em>Fortney, Clarence</em></td>
<td>Education and Professional Studies, BSEd, University of Central Oklahoma, 1992; M.Ed., University of Oklahoma, 1998</td>
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<tr>
<td>Foster, Larry L.</td>
<td>Business Administration, BS, Oklahoma State University, 1962; JD, University of Oklahoma, 1965</td>
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<td><em>Frain, John A.</em></td>
<td>Liberal Arts, BS, Texas A&amp;M, 1972; MS, Texas A&amp;M University, 1973</td>
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<td><em>Franzmann, Thomas L.</em></td>
<td>Liberal Arts, BA, Oklahoma State University, 1983; MA, Oklahoma State University, 1986; PhD, Oklahoma State University, (in progress)</td>
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<td>Frech, Cheryl Baldwin</td>
<td>Mathematics &amp; Science, BS, Oklahoma State University, 1981; MS, University of Oklahoma, 1984; PhD, University of Oklahoma, 1987</td>
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<tr>
<td>Frederickson, W. A.</td>
<td>Education and Professional Studies, BA, Willamette University, 1956; MA, Baylor University, 1957; EdD, University of Oklahoma, 1967</td>
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<tr>
<td><em>Fuller, Susie</em></td>
<td>Education and Professional Studies, BS, University of Oklahoma, 1979; MS, University of Oklahoma, 1988</td>
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<tr>
<td>Furmanski, Louis S.</td>
<td>Liberal Arts, BA, Union College-New York, 1972; MA, Purdue University, 1980; PhD, Purdue University, 1990</td>
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<tr>
<td>Garic, John</td>
<td>Business Administration, BA, University of New Orleans, 1976; JD, Loyola University School of Law, 1979; M.Ed, University of New Orleans, 1994</td>
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<tr>
<td>Garrison, Stephen</td>
<td>Liberal Arts, B A, Baylor University, 1974; MA, Baylor University, 1977; PhD, University of South Carolina, 1981</td>
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<tr>
<td>Gatch, Loren</td>
<td>Liberal Arts, BA, University of Chicago, 1981; MA, Columbia University, 1986; PhD, Cornell University, 1998</td>
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<tr>
<td><em>Gelona, Zina</em></td>
<td>Arts, Media &amp; Design, BFA, University of Central Oklahoma, 2001; M.Ed, University of Central Oklahoma, 2004</td>
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<tr>
<td>Getzoff, Douglas R.</td>
<td>Arts, Media &amp; Design, BA, University of Northern Iowa, 1982; MFA, University of Georgia, 1984</td>
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<tr>
<td>Givan, Christopher F.</td>
<td>Liberal Arts, BA, Yale University, 1966; MA, Stanford University, 1968; PhD, Stanford University, 1970</td>
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<td><em>Glazier, Richard</em></td>
<td>Arts, Media &amp; Design, BA, Oklahoma City University, 1992; M.Ed, University of Central Oklahoma, 2000;</td>
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<tr>
<td>Gleason, Anne</td>
<td>Business Administration, BS, Duke University, 1981; PhD, Florida State University, 1990</td>
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<tr>
<td><em>Gleason, Denise D.</em></td>
<td>Arts, Media &amp; Design, BA, Oklahoma City University, 1972; MCJA, Oklahoma City University, 1975; M.Ed, University of Central Oklahoma, 1994</td>
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<tr>
<td><em>Gofton, Jeffrey</em></td>
<td>Mathematics and Science, BS, University of Western Ontario, 1992; MD, St. George’s University School of Medicine, Grenada, 1996</td>
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<tr>
<td><em>Gorrell, Brian</em></td>
<td>Arts, Media &amp; Design, BMEd, University of Central Oklahoma, 1995; MM, Oklahoma City University, 1998</td>
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<tr>
<td>Goudge, Darrell</td>
<td>Business Administration, BS, Iowa State University, 1976; MBA, National University, 1981; MS, University of Colorado, 1989; PhD, New Mexico State University, 1994</td>
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<tr>
<td><em>Gourley, Michael D.</em></td>
<td>Mathematics and Science, BBA, University of Oklahoma, 1974; MS, University of Oklahoma, 1975</td>
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<tr>
<td><em>Gravel, Craig</em></td>
<td>Mathematics &amp; Science, BS, Oklahoma City University, 1988; MS, Oklahoma City University, 1992</td>
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<tr>
<td>Green, Barbara</td>
<td>Education and Professional Studies, BS, Cameron University, 1980; MS, Southwestern State University, 1986; PhD, Oklahoma State University, 1992</td>
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<tr>
<td><em>Green, Malinda</em></td>
<td>Hendricks, Education and Professional Studies, BA, Northwestern Oklahoma State University, 1971; MA, Northwestern Oklahoma State University, 1976; PhD, University of Oklahoma, 1989</td>
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<tr>
<td>Grellner, Janelle</td>
<td>Education and Professional Studies, BS, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1991; PhD, University of Oklahoma, 2001</td>
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### Graduate Faculty

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<tr>
<td><em>Guzik, Bernie, Arts, Media &amp; Design, BM, Juilliard School of Music, 1968</em></td>
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<tr>
<td>Hamlin, Mark E., Education and Professional Studies, BS, Oklahoma Christian University, 1991; MA, University of Central Oklahoma, 1994; PhD, Oklahoma State University, 2001</td>
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<tr>
<td>Hanson, Olivia, Mathematics &amp; Science, BS, University of Oklahoma, 1972; PhD, University of Oklahoma, 1982</td>
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<tr>
<td><em>Hardman, David J., Arts, Media &amp; Design, BM, Ball State University, 1981; MM, University of Cincinnati, 1983</em></td>
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<tr>
<td>Hardt, Jan C., Liberal Arts, BA, Union College-New York, 1986; MA, University of California-Davis, 1988; PhD, University of Maryland-College Park, 1993</td>
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<tr>
<td>Harris, David J., Business Administration, BA, University of Washington, 1981; MMgmt, Willamette University, 1986' JD, Willamette University, 1986</td>
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<tr>
<td>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</td>
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<tr>
<td>Haskin, Daniel, Business Administration, BS, West Texas State University, 1968; BBA, Texas Tech University, 1974; MSAcc., Texas Tech University, 1976; PhD, Texas Tech University, 1982</td>
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<tr>
<td>Haulman, April L., Education and Professional Studies, BA, Colorado State University, 1972; M.Ed, University of Alabama, 1978; PhD, University of Oklahoma, 1987</td>
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<tr>
<td>Hawkins, Lyman Kent, Education and Professional Studies, BA, University of Oklahoma, 1987; MS, University of Oklahoma Health Sciences Center, 1990; PhD, University of Oklahoma Health Sciences Center, 1998</td>
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<tr>
<td>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</td>
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<tr>
<td><em>Heath, Sharon, Arts, Media &amp; Design, BS, University of Houston, 1981; MBS, Cameron University, 1989</em></td>
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<td><em>Heffley, Earl, Arts, Media &amp; Design, BS, Oklahoma City University, 1964; M.Ed, University of Central Oklahoma, 1973</em></td>
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<td>Hefner, Larry, Arts, Media &amp; Design, BFA, University of Oklahoma, 1971; MFA, University of Oklahoma, 1973</td>
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<td>Heit, Seigfried E., Liberal Arts, BS, University of Wisconsin, 1963; MA, University of North Dakota, Eberhard-krals University (Tuebingen,FRG), 1969; PhD, Florida State University, 1975</td>
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<td>Hellack, Jenna J., Mathematics &amp; Science, BS, East Central Oklahoma State University, 1968; MS, Oklahoma State University, 1969; PhD, University of Oklahoma, 1975</td>
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<td>Hellwege, Dale M., Mathematics and Science, BA, Oklahoma State University, 1962; PhD, Oklahoma State University, 1966</td>
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<td><em>Helvey, Terri, Education and Professional Studies, BS, University of Science and Arts of Oklahoma, 1996; M.Ed., University of Central Oklahoma, 2004</em></td>
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<td>Hepner, Mickey A., Business Administration, BBA, University of Oklahoma, 1992; MA, University of Oklahoma, 1994; PhD, University of Oklahoma, 2001</td>
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<td>Hickman, William H., Liberal Arts, BA, Oklahoma Baptist University, 1971; MA, Texas Christian University, 1976; JD, Oklahoma City University, 1985</td>
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<td><em>Hicks, Lawrence E., Liberal Arts, BS, Emporia State University, 1969; MA, MS, Emporia State University, 1973</em></td>
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<td><em>Hill, Charles E., Liberal Arts, BA, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1999</em></td>
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<td>Hommel, William L., Arts, Media &amp; Design, BM, University of Central Oklahoma, 1963; MA, Indiana University, 1977; PhD, Indiana University, 1981</td>
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<td>Honea, (Ted) Sion M., Arts, Media &amp; Design, BM, University of Central Oklahoma, 1974; MA, Eastman School of Music, 1980; PhD, SUNY Buffalo, 1991</td>
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<td>Hooyman, Jamie, Education and Professional Studies, BS, Southwest Missouri State, 1985; MS, Northern Illinois University, 1986; EdD, Oklahoma State University, 2003</td>
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<td>Hora, Bambi, Business Administration, BS, Oklahoma State University, 1981; MACctS, Northern Illinois University, 1983; JD, University of Oklahoma, 1998</td>
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<td>Howell, Ron, Arts, Media &amp; Design, BM, Oklahoma City University, 1963; MMEd, University of Oklahoma, 1968; DMEd, University of Oklahoma, 1976</td>
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<td>Hughes, Charles A., Mathematics and Science, BS, Michigan Technological University, 1981; MS, University of Georgia, 1985; PhD, University of Georgia, 1988</td>
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<td><em>Ingram, Alan, Education and Professional Studies, BS, University of Michigan, 1982; EdD, Oklahoma State University, 1997</em></td>
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<td>Israel, Deborah, Liberal Arts, BA, SUNY at Stony Brook, 1970; MA, University of Central Oklahoma, 1975; PhD, Oklahoma State University, 2000</td>
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## Graduate Faculty

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<td>Kearns, Gayle, Arts, Media &amp; Design, BS, University of Oklahoma, 1973; M.Ed, University of Oklahoma, 1975; EdD, Oklahoma State University, 1988</td>
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<td>Kelsey, Cheryl L., Education and Professional Studies, BS, University of Central Oklahoma, 1984; M.Ed, Southern Nazarene University, 1998; EdD, Oral Roberts University, 2002</td>
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<td>Khetmalas, Madhukar, Mathematics and Science, BS, Mahatma Phule Agricultural University, India, 1982; MS, Mahatma Phule Agricultural University, India, 1996</td>
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<td>Kickham, Kenneth P., Liberal Arts, BS, Oklahoma State University, 1992; MPA, University of Oklahoma, 1994; PhD, University of Oklahoma, 2000</td>
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<td>Johnson, Brenda Seward, Arts, Media &amp; Design, BME d, Oklahoma State University, 1975; MM, Oklahoma City University, 1979</td>
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<td>Johnson, Scott, Arts, Media &amp; Design, BA, Oklahoma City University, 1990; MM, Oklahoma City University, 1998</td>
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<td>Johnson, William A., Liberal Arts, BA, Northern Oklahoma State University, 1967; MS, Pittsburg State University, 1968; PhD, Oklahoma State University, 1971</td>
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<td>Jones, Freeta, Education and Professional Studies, BS, University of Oklahoma, 1976; M.Ed, University of Central Oklahoma, 1983; EdD, Oklahoma State University, 1997</td>
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<td>Jones, Randall J., Liberal Arts, BA, Oklahoma State University, 1962; MA, Oklahoma State University, 1966; PhD, University of Texas at Austin, 1974</td>
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<td>Jones, Russell W., Business Administration, BS, Oklahoma State University, 1955; MSBA, Boston University, 1977; PhD, Oklahoma State University, 1992</td>
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<td>Jung, Minje, Business Administration, BS, Seoul National University, Korea, 1975; MBA, Seoul National University, Korea, 1983; PhD, Florida State University, 1989</td>
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<td>Jacobson, Jamie, Arts, Media &amp; Design, BS, Brigham Young University, 1977; MA, Brigham Young University, 1980</td>
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<td>Jagosh, Steve J., Liberal Arts, BA, University of Central Oklahoma, 1994; MA, University of Central Oklahoma, 1996</td>
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<td>Jassemnejad, Bahaeddin, Mathematics and Science, BS, University of Central Oklahoma, 1983; MS, University of Central Oklahoma, 1987</td>
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<td>Jezrecak, Michael W., Mathematics and Science, BS, University of Central Oklahoma, 1983; PhD, Oklahoma State University, 1989</td>
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<td>Jimison, Lorraine, Education and Professional Studies, BA, London University, 1970; MS, Oklahoma State University, 1984; EdD, Oklahoma State University, 1990</td>
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<td>Jones, Russell W., Business Administration, BS, Oklahoma State University, 1955; MSBA, Boston University, 1977; PhD, Oklahoma State University, 1992</td>
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<td>LaGrow, Patricia, Mathematics and Science, BS, University of Central Oklahoma, 1976; University of Oklahoma, 1979; PhD, Texas Woman's University, 1993</td>
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</table>
## Graduate Faculty

*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, Arts, Media & Design, BMed, Baylor University, 1986; MM, University of Notre Dame, 1988; DMA, University of North Texas, 2001

Law, Stephen, C., Liberal Arts, BA, Florida State University, 1978; MA, Florida State University, 1980; PhD, Florida State University, 1986

*Lawson, Debi, Education and Professional Studies, BBA, University of Central Oklahoma, 1984; MS, University of Central Oklahoma, 1987*

*Lee, Melvin, Arts, Media & Design, BMEd, Oklahoma City University, 1949; MMed, University of Michigan, 1955; DMed, University of Oklahoma, 1969*

Lehman, Paul R., Liberal Arts, BA, University of Central Oklahoma, 1969; M.Ed, University of Central Oklahoma, 1971; PhD, Lehigh University, 1976

Lemley, Evan C., Mathematics and Science, BA, Hendrix College, 1989; MS, University of Arkansas, 1991; PhD, University of Arkansas, 1996

*Leonard, Sandra R., Mathematics & Science, BS, University of Oklahoma, 1964; MS, University of Oklahoma, 1967*

Lewis, Gladys S., Liberal Arts, RN, St Anthony’s, 1953; BA, Texas Christian University, 1956; MA, University of Central Oklahoma, 1985; PhD, Oklahoma State University, 1991

Li, Xiao-Bing, Liberal Arts, BA, Nankai University, China, 1982; MA, Carnegie-Mellon University, 1984; PhD, Carnegie-Mellon University, 1991

*Lynch, Anne G., Liberal Arts, BA, University of Oklahoma, 1961; MA, University of Oklahoma*

*Lyon, Melinda, Arts, Media & Design, BS, Oklahoma State University, 1978; MS, University of Central Oklahoma, 1989*

M

Macey, J. David, Jr., Liberal Arts, AB, Yale University, 1988; AM, Brown University, 1994; MA, Vanderbilt University, 1995; PhD, Vanderbilt University, 1998

Maddox, Eleanor J., Education and Professional Studies, BS, Kansas State College, 1959; M.Ed., University of Missouri, 1963; PhD, Arizona State University, 1977


Marks, Angela, Arts, Media & Design, BFA, West Virginia University, 1994; MFA, University of Georgia, 1997

*Marshall, Charles L., Education and Professional Studies, BS, Duquesne University, 1974; MS, Duquesne University, 1977; PhD, University of Oklahoma, 1984*

Martin, David L., Mathematics & Science, BS, Cameron University, 1973; PhD, Oklahoma State University, 1979

Massey, Sherri, Liberal Arts, BA, University of Arkansas, 1986, MA, University of Oklahoma, 1989; EdD, Oklahoma State University, 1993

Maxwell, Don, Business Administration, BA, University of Texas at Arlington, 1973; MS, Baylor University, 1975; PhD, Oklahoma State University, 1982

Mayfield, Sandra, Liberal Arts, BA, Oklahoma Baptist University, 1964; MA, University of Oklahoma, 1970; PhD, University of Oklahoma, 1980

McClenon, Michael S., Mathematics & Science, BS, State University of New York-Brockport, 1993; MS, Syracuse University, 1995; PhD, University of Louisiana, 2000

 McClure, Nancy R., Business Administration, BBA, Texas Tech University, 1980; MBA, Texas Tech University, 1982; PhD, Texas Tech University, 1995

*McCoy, Mark R., Liberal Arts, BS, Western Michigan University, 1980; MS, National University, 1984; EdD, Oklahoma State University, 2000*

McDaniel, John W., Mathematics & Science, BS, East Central Oklahoma State University, 1972; MS, Oklahoma State University, 1975; PhD, Kansas State University, 1985

*McDonald, Linda L., Liberal Arts, BA, Oklahoma City University, 1965; MA, University of Kansas, 1967; MA, University of Central Oklahoma, 1991*

McGill, Robert E., Arts, Media & Design, BA, University of Detroit, 1963; MA, Northwestern University, 1965; PhD, University of Michigan, 1976
Graduate Faculty

*McKee, Candi, Liberal Arts, BA, University of Central Oklahoma, 1995; MA, University of Central Oklahoma, 2000


McLaughlin, Scott F., Education and Professional Studies, BS, Winona State University, 1976; MS, University of Oklahoma, 1978; PhD, University of Oklahoma, 1983

*Meyers, Karen, Education and Professional Studies, BS, University of Central Oklahoma, 1995; MS, University of Central Oklahoma, 1998

Miller, Mary Lisa, Business Administration, BS, Southeastern Oklahoma State University, 1984; MS, Oklahoma State University, 1986; EdD, Oklahoma State University, 1988

Miller, Ronald C., Mathematics and Science, BS, Trinity University, 1970; MS, University of Missouri-Rolla, 1972; PhD, University of Missouri-Rolla, 1976

Mock, James W., Liberal Arts, BA, LeMoyne College, 1968; MA, Syracuse University, 1977; MLS, Syracuse University, 1979; MPH, Syracuse University, 1984; PhD, Syracuse University, 1988

Mohamad, Husam A., Liberal Arts, BA, BirZeit University, 1985; MA, University of Cincinnati, 1989; PhD, University of Cincinnati, 1994

Monfort, Mary, Education and Professional Studies, BA, Southwestern College, 1967; MSEd, University of Central Oklahoma, 1972; PhD, University of Oklahoma, 1982

Montes, Luis, Mathematics and Science, BA, New Mexico State University, 1990; BS, New Mexico State University, 1990; PhD, university of Texas at Austin, 1996

*Morelli, Brad J., Liberal Arts, BA, University of Central Oklahoma, 1977; JD, Oklahoma City University, 1980

Morris, Ralph E., Arts Media & Design, BM, Texas Christian University, 1974; MM, Arizona State University, 1987; DMA, Arizona State University, 1991

Moyers, Kelly, Business Administration, BBA, Limestone College, 1997. MBA, University of Central Oklahoma, 1999, Ph.D., Oklahoma State University, 2004N

Murphy, Kelle, Education and Professional Studies, BA, Susquehanna University, 1990; M.Ed., Springfield College, 1999; DPE, Springfield College, 2004

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

Myster, Randall, Mathematics and Science, BS, Institute of Technology, 1997; MS, Rutgers University, 1987; PhD, Rutgers University, 1990

*Narcomey, Don, Arts, Media & Design, BA, University of Central Oklahoma, 1982

Necco, Joanne, Education and Professional Studies, BS, University of Central Oklahoma, 1979; M.Ed, University of Central Oklahoma, 1985; PhD, Oklahoma State University, 1993

Nelson, Frank W., Education and Professional Studies, BS, Oklahoma State University, 1976; MS, Oklahoma State University, 1973; Ed.D, Oklahoma State University, 1980

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

New Pamela R., Mathematics and Science, BS, Baker University, 1988; PhD, Washington University, 1993

Noel, David E., Business Administration, BS, Southern Illinois University, 1972; MBA, Western Illinois University, 1974p MS, Texas Tech University, 1984; PhD, Arizona State University, 1992

Nollert, Hans Rudolf, Liberal Arts, BA, University of Virginia, 1980; Johann Wolfgang Goethe University; MA, The Johns Hopkins University, 1985; PhD, The Johns Hopkins University, 1991

Olivier, Gwendolyn M., Liberal Arts, BA, University of New Orleans, 1970; MA, University of New Orleans, 1970; PhD, Louisiana State University, 1987

Ovrebo, Clark L., Mathematics and Science, Valley City State College, 1971; MS, University of Idaho, 1973; PhD, University of Toronto, 1981

Owens, Dana V., Education and Professional Studies, BS, Northeastern State University, 1979; MS, University of Central Oklahoma, 1995; EdD, Oklahoma State University, 2000

Pace, Gilda D., Liberal Arts, BA, University of Central Oklahoma, 1979; M.Ed, University of Central Oklahoma, 1980
## Graduate Faculty

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<th>Name</th>
<th>Department</th>
<th>Degrees</th>
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<tr>
<td>Palmer, Robert E.</td>
<td>Arts, Media &amp; Design, BFA</td>
<td>University of Oklahoma, 1973; East Tennessee State University, 1978; EdD</td>
<td>Oklahoma State University, 1996</td>
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<tr>
<td>Parrish, Barbara</td>
<td>Business Administration, BA</td>
<td>Friends University, 1962; MS, Wichita State University, 1981; PhD</td>
<td>University of Arkansas, 1994</td>
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<tr>
<td>Parrish, Ralph W.</td>
<td>Business Administration, BBA</td>
<td>Wichita State University, 1977; MBA, Wichita State University, 1982;</td>
<td>PhD, University of Arkansas, 1994</td>
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<td>Payne, Terry K.</td>
<td>Education and Professional Studies, BAEd</td>
<td>Utah State University, 1980; M.Ed, Brigham Young University, 1981; M.Ed</td>
<td>University of Central Oklahoma, 1986</td>
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<tr>
<td>Peters, Richard</td>
<td>Liberal Arts, BA</td>
<td>University of Wichita, 1955; MA, University of Oklahoma, 1961; PhD</td>
<td>University of Oklahoma, 1971</td>
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<tr>
<td>Pickens, Tom</td>
<td>Education and Professional Studies, BA</td>
<td>University of Central Oklahoma, 1979; M.Ed, Southern Nazarene University, 1998</td>
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<td>Plaks, Jeffrey</td>
<td>Liberal Arts, BA</td>
<td>University of Connecticut, 1989; MA, University of Connecticut, 1992; PhD, Northern Illinois University, 1998</td>
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<td>Pool, Carolyn G.</td>
<td>Liberal Arts, BS</td>
<td>University of Oklahoma, 1963; MA, University of Oklahoma, 1976; PhD</td>
<td>University of Oklahoma, 1987</td>
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<td>Pope, Myron</td>
<td>Education and Professional Studies, BA</td>
<td>University of Alabama, 1993; MA, University of Alabama, 1994; EdD</td>
<td>University of Alabama, 1994</td>
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<tr>
<td>Pourbabaee, Hassan</td>
<td>Business Administration, BS</td>
<td>Advanced Statistical Institute, 1974; MA, Eastern New Mexico University, 1976; MS, Southwestern University of Louisiana, 1979; MA, University of Missouri-Columbia, 1981; PhD, University of Nebraska-Lincoln, 1987</td>
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<td>Pratt, Steven</td>
<td>Liberal Arts, BA</td>
<td>University of New Mexico, 1973; MA, University of Oklahoma, 1982; PhD</td>
<td>University of Oklahoma, 1987</td>
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<tr>
<td>Pryor, Mary</td>
<td>Education and Professional Studies, BSEd</td>
<td>University of Nebraska, 1969; M.Ed., University of Central Oklahoma, 1978; Scriptwriting and Video Production Certification, Dept. of Vocational Technical Education, 1987; Coursework in Curriculum and Instruction, University of Central Oklahoma, 1985-1993</td>
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<td>Pugh, Edward J.</td>
<td>Liberal Arts, BA</td>
<td>University of Central Oklahoma, 1972; MA, University of Oklahoma, 1977; PhD</td>
<td>University of Oklahoma, 1996</td>
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<tr>
<td>Qian, Gang</td>
<td>Mathematics and Science, BS</td>
<td>Shanghai Jiao Tong University, 1995; MS, Shanghai Jiao Tong University, 2000; PhD</td>
<td>Michigan State University, 2004</td>
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<tr>
<td>Radke, William J.</td>
<td>Mathematics &amp; Science, BS</td>
<td>Mankato State University, 1970; MA, Mankato State University, 1972; PhD</td>
<td>University of Arizona, 1975</td>
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<tr>
<td>Rambo, Alma G.</td>
<td>Mathematics and Science, BS</td>
<td>University of Central Oklahoma, 1982; MS, University of Central Oklahoma, 1986; PhD, University of Oklahoma, 1997</td>
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<tr>
<td>Rassouli-Currier, Susanne</td>
<td>Business Administration, BS</td>
<td>University of National Iranian Oil Company, 1980, MBA, University of Central Oklahoma, 1990, PhD, Oklahoma State University, 2002</td>
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<td>Ravikumar, Rukmini</td>
<td>Arts, Media &amp; Design, BA</td>
<td>University of Madras, India, 1999; MFA, Iowa State University, 2003.</td>
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<tr>
<td>Reed, Brady</td>
<td>Education and Professional Studies, BS</td>
<td>University of Central Oklahoma, 1998; MS, University of Oklahoma, 2001; PhD, Oklahoma State University, 2004</td>
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<tr>
<td>Reed, Douglas P.</td>
<td>Education and Professional Studies, BA</td>
<td>East Carolina University, 1980; MA, East Carolina University, 1986; PhD, Oklahoma State University, 1992</td>
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<tr>
<td>Reichert, Deborah</td>
<td>Education and Professional Studies, BS</td>
<td>Oklahoma State University, 1989; M.Ed, University of Central Oklahoma, 1992</td>
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<td>Reynolds, Anita</td>
<td>Education and Professional Studies, BS</td>
<td>Southern Oklahoma State University, 1976; MS, Oklahoma State University, 1977; Ed.D, Oklahoma State University, 1988</td>
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<td>Reynolds, Rebecca</td>
<td>Education and Professional Studies, BS</td>
<td>University of Tulsa, 1978; MS, University of Oklahoma Health Science Center, 1983</td>
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<tr>
<td>Rice, Allen C.</td>
<td>Liberal Arts, BA</td>
<td>University of Oklahoma, 1980; MA, University of Oklahoma, 1983; PhD, University of Indiana, 1993</td>
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<td>Richman, Pamela</td>
<td>Arts, Media &amp; Design, BM</td>
<td>Roosevelt University, 1978; MM, University of Illinois, 1981</td>
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<td>Roberson, Jere W.</td>
<td>Liberal Arts, BS</td>
<td>Tennessee Technological University, 1962; MA, Auburn University, 1963; PhD, University of Georgia, 1966</td>
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<tr>
<td>Robinson, Susan</td>
<td>Education and Professional Studies, BS</td>
<td>Southern Nazarene University, 1994; MA, Southern Nazarene University, 1996; Ed.D, Oklahoma State University, 2000</td>
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<tr>
<td>Rooker, Jill</td>
<td>Education and Professional Studies, BS</td>
<td>Oklahoma State University, 1976; BS, Oklahoma State University, 1978; MS, Oklahoma State University, 1984; PhD, Indiana University, 1995</td>
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</table>
### Graduate Faculty

**Rooney, Martin**, Mathematics and Science, BS, University of Texas at Austin, 1968; MS, Brown University, 1971; PhD, University of Texas at Austin, 1977


*Rose, Tracey A.*, Education and Professional Studies, BA, Arkansas State University, 1986; M.Ed., Southern Nazarene University, 1991; EdD, University of Oklahoma, (pending, May, 06)

Rudebock, C. Diane, Education and Professional Studies, BS, University of Oklahoma, 1971; MS, Oklahoma State University, 1997; EdD, Oklahoma State University, 2001

*Rudebock, Rich*, Business Administration, BBA, Kent State University, 1974; M.Ed, Texas Tech University, 1978; EdD, Oklahoma State University, 1999

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

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Sanchez, Mauricio, Mathematics and Science, BS, Western Autonomous University of Corporation, Cali, Colombia, South America, 1995; MS, University of Oklahoma, 1997; PhD, University of Oklahoma, 2002

Sasser, Sue Lynn, Business Administration, BA, University of Central Oklahoma, 1976; MS, University of Central Oklahoma, 1980; PhD, Texas Woman University, 1983

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

Schuetz, Steve, Education and Professional Studies, BGS, University of Missouri-Columbia, 1989, MA, University of Missouri-Columbia, 1994, PhD, University of Missouri-Columbia, 2003

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, 1974; EdD, Oklahoma State University, 1983


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Shaf, Mohammad, Business Administration, BS, Pahlavi University, Shiraz, Iran, 1972; MBA, University of Texas of the Permian Basin, 1976; PhD, Texas Tech University, 1982

Sharp, Brett S., Liberal Arts, BS, Oklahoma State University, 1988; MPA, University of Oklahoma, 1991, PhD, University of Oklahoma, 1998

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

Shirley, Michael, Business Administration, BA, Oklahoma State University, 1978; JD, University of Oklahoma, 1981

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

Simmons, Charlotte K., Mathematics and Science, BA, East Texas State University, 1988; MA, University of North Texas, 1990; PhD, University of Oklahoma, 1998

Singer-Farber, Gayle S., Arts, Media & 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

*Smith, Cletus*, Arts, Media & Design, BA, Oklahoma City University, 1964


*Smith, Robert T.*, Arts, Media & Design, BA, Bethany College, 1979; MFA, University of Oklahoma, 1988

*Sneary, Karen*, Education and Professional Studies, BS, Oklahoma State University, 1990; M.Ed, Northwestern Oklahoma State University, 1994; PhD, University of Oklahoma, in process

*Snider, Gayle*, Education and Professional Studies, BA, University of North Carolina, Chapel Hill, 1978; MS, with Honors, University of Oklahoma, 1989

Southerland, Stacy, Liberal Arts, BA, Stephen F. Austin State University, 1987; MA, Indiana University, 1990; PhD, Indiana University, Bloomington, 1994
Graduate Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Year(s)</th>
</tr>
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<tbody>
<tr>
<td>Spelman, Mary D.</td>
<td>Liberal Arts, BA</td>
<td>University of Central Oklahoma, 1971; M.Ed.</td>
<td>1976; PhD, Oklahoma State University, 1996</td>
</tr>
<tr>
<td>Spencer, Susan</td>
<td>Liberal Arts, BA</td>
<td>California Polytechnic State University</td>
<td>San Luis Obispo, 1983; MA, California</td>
</tr>
<tr>
<td>Spigner, Terry E.</td>
<td>Education and Professional</td>
<td>University of Oklahoma Health Sciences Center</td>
<td>1980; MS, University of Central Oklahoma, 1986; PhD, Howard University, 1992</td>
</tr>
<tr>
<td>Springer, John P.</td>
<td>Liberal Arts, BA</td>
<td>University of Oklahoma</td>
<td>1979; MA, University of Oklahoma, 1986; PhD, University of Iowa, 1994</td>
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<tr>
<td>Stapleton, David P.</td>
<td>Mathematics and Science, BS</td>
<td>University of California at Santa Barbara</td>
<td>1979; MA, University of California at San Diego, 1981; PhD, University of Arizona, 1990</td>
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<tr>
<td>Steele, Linda L.</td>
<td>Liberal Arts, BA</td>
<td>University of Central Oklahoma, 1988; MA</td>
<td>1990; PhD, University of Southwestern Louisiana, 1996</td>
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<tr>
<td>Stein, Wayne P.</td>
<td>Liberal Arts, BA</td>
<td>University of Central Oklahoma, 1992; BA,</td>
<td>University of Central Oklahoma, 1991; PhD, Oklahoma State University, 1997</td>
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<td>Steward, Gary A. Jr.</td>
<td>Liberal Arts, BA</td>
<td>University of Central Oklahoma, 1991; MA</td>
<td>1992; PhD, Oklahoma State University, 1999</td>
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<tr>
<td>Stinnett, Tessa</td>
<td>Education and Professional</td>
<td>Oklahoma State University, 1993; MA, Oklahoma State University, 1997; PhD, University of Oklahoma Health Sciences Center, 2006(?)</td>
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<tr>
<td>Stockwell, William</td>
<td>Mathematics and Science, BS</td>
<td>University of Central Oklahoma, 1973; MA</td>
<td>1975; PhD, University of Oklahoma, 2002</td>
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<tr>
<td>Stone, Paul A.</td>
<td>Mathematics and Science, BS</td>
<td>University of Florida, 1987; MS, Auburn University, 1990; PhD, University of New Mexico, 1995</td>
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<tr>
<td>Streets, Barbara S.</td>
<td>Arts, Media &amp; Design, BMEd</td>
<td>University of Oklahoma, 1982; MM, university of Oklahoma, 1986; PhD, University of Oklahoma, 2002</td>
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<td>Stuart, Roger H.</td>
<td>Liberal Arts, BA</td>
<td>University of Oklahoma, 1973; JD, University of Oklahoma, 1978</td>
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<td>Stuffelbean, Tana</td>
<td>Education and Professional</td>
<td>Oklahoma State University, 1964; MS, University of Central Oklahoma, 1977; PhD, Oklahoma State University, 1982</td>
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<td>Sullins, Shirllee K.</td>
<td>Larson, Education and</td>
<td>Oklahoma State University, 1965; MS, Drake</td>
<td>1973; EdD, Oklahoma State University, 1990</td>
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<td>Sung, Hong</td>
<td>Mathematics and Science, BS</td>
<td>Seoul National University, 1984; MS, University of Louisiana, 1990; PhD, University of Arizona, 1994</td>
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<td>Sweet-Darter, Mary</td>
<td>Education and Professional</td>
<td>Oklahoma State University, 1964; M.Ed,</td>
<td>Southwestern Oklahoma State, 1967; EdD, University of Oklahoma, 1993</td>
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<td>Swezey, Keith</td>
<td>Liberal Arts, BA</td>
<td>University of Central Oklahoma, 1974; MS</td>
<td>Oklahoma State University, 1989; EdD, Oklahoma State University, 1997</td>
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<td>Tabor, Susan E.</td>
<td>Education and Professional</td>
<td>University of Nebraska, 1979; M.Ed, University of Central Oklahoma, 1982; PhD, University of Oklahoma, 2001</td>
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<tr>
<td>Terrell, Katherene P.</td>
<td>Business Administration, BBA</td>
<td>University of Oklahoma, 1969; MBA, University of Central Oklahoma, 1990; EdD, Oklahoma State University, 1994</td>
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<tr>
<td>Terrell, Robert L.</td>
<td>Business Administration, BBA</td>
<td>University of Oklahoma, 1969; MBA, University of Oklahoma, 1971; EdD, Oklahoma State University, 1992</td>
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<tr>
<td>Thompson, Sandra D.</td>
<td>Arts, Media &amp; Design, BM</td>
<td>Oklahoma City University, 1975; MMEd, University of Central Oklahoma, 1984</td>
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<td>Tice, Deborah</td>
<td>Education and Professional</td>
<td>University of Central Oklahoma, 1991; M.Ed, University of Central Oklahoma, 1992; PhD, Oklahoma State University, 2002</td>
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<tr>
<td>Traywick, Debra</td>
<td>Education and Professional</td>
<td>Southern Nazarene University, 1982; M.Ed, University of Central Oklahoma, 1984; Ed.D, St Louis University, 2003</td>
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<tr>
<td>Tullis, Kim J.</td>
<td>Business Administration, BS</td>
<td>Southern Nazarene University, 1977; MBA, University of Houston, 1988; PhD, University of Arkansas, 1996</td>
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<tr>
<td>Turner, Thomas R.</td>
<td>Mathematics and Science, BS</td>
<td>University of Washington, 1975; MS, Iowa State University, 1981; PhD, Iowa State University, 1987</td>
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<tr>
<td>VanHoy, Mickie</td>
<td>Education and Professional</td>
<td>University of Central Oklahoma, 1990; PhD, Arizona State University, 1997; Postdoctoral Fellowship, University of Connecticut, 1998-2001</td>
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<tr>
<td>Vaughan, Danny</td>
<td>Arts, Media &amp; Design, BA</td>
<td>Oklahoma Christian University of Science and Arts, 1996; MM, University of Central Oklahoma, 1997</td>
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<tr>
<td>Vaughan, Melville</td>
<td>Mathematics and Science, BS</td>
<td>University of Oklahoma, 1987, PhD, University of Oklahoma Health Science Center, 1998</td>
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<td>Vaughan, Theresa</td>
<td>Liberal Arts, BA</td>
<td>University of Michigan, 1990; MA, Indiana University, 1995; PhD, Indiana University, 1999</td>
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<tr>
<td>Vaughn-Roberson, Glen</td>
<td>Liberal Arts, BA</td>
<td>Northwestern Oklahoma State University, 1968; MA, Oklahoma State University, 1972; PhD, Oklahoma State University, 1977</td>
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**Graduate Faculty**

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<tr>
<th>Name</th>
<th>School, Major, Degree</th>
<th>Institution</th>
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<tr>
<td>Vedala, Acharyulu Srinivas</td>
<td>Liberal Arts, MA</td>
<td>Andhra University, Waltair India</td>
<td>1981; MA, Andhra University, Waltair India, 1982; MA, Andhra University, Waltair India, 1983; PhD, Andhra University, Waltair India, 2000</td>
</tr>
<tr>
<td>Viana, Jussara M.</td>
<td>Education &amp; Professional Studies, BA</td>
<td>Portuguese/English Universidade Federal, Fluminense, Rio De Janeiro</td>
<td>1978; M.Ed, University of Central Oklahoma, 1990</td>
</tr>
<tr>
<td>Villani, Shari</td>
<td>Education &amp; Professional Studies, BSEd</td>
<td>Northwestern Oklahoma State University</td>
<td>1972; M.Ed, University of Central Oklahoma, 1993; EdD, Oklahoma State University, 1999</td>
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<tr>
<td>von Minden, David L.</td>
<td>Mathematics &amp; Science, BS</td>
<td>Texas Tech University</td>
<td>1966; PhD, University of Nebraska, 1970</td>
</tr>
<tr>
<td>Voth, Bonnie L.</td>
<td>Education &amp; Professional Studies, BS</td>
<td>Central Missouri State University</td>
<td>1972; MS, Northeastern Oklahoma State University, 1991; EdD, Oklahoma State University, 2002</td>
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<tr>
<td>Vu, Nicole Thi</td>
<td>Mathematics &amp; Science, BS</td>
<td>University of the Ozarks</td>
<td>1980; BS, Arkansas State University, 1981; BS, University of Oklahoma, 1991; PhD, University of Oklahoma, 1998</td>
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</tbody>
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**W**

*Wakefield, Judith E.* | Education & Professional Studies, BSEd | Emporia State University | 1971; PhD, University of Oklahoma, 1986 |

*Walderbach, Becky* | Education & Professional Studies, BAEd | Oklahoma Christian University of Science and Arts | 1987; M.Ed, University of Central Oklahoma, 1995 |

*Walker, Anita* | Education & Professional Studies, BAEd | University of Central Oklahoma | 1966; MA, University of Central Oklahoma, 1978 |

*Wallo, William M.* | Arts, Media & Design, BFA | School of the Art Institute of Chicago | 1965; MFA, Indiana University, 1968 |

*Ward, Sherry* | Education & Professional Studies, BS | Oklahoma State University | 1992; MS, Oklahoma State University, 1995 |

*Warning, Renee* | Business Administration, BBA | University of Central Oklahoma | 1986; MBA, University of Central Oklahoma, 1989; EdD, Oklahoma State University, 1992 |

*Washington, Pamela* | Liberal Arts, BA | Oklahoma State University | 1982; MA, Oklahoma State University, 1985 |

*Waters, Marilyn B.* | Education & Professional Studies, BS | Oklahoma State University | 1981; MS, Oklahoma State University, 1985; PhD, Oklahoma State University, 1992 |

*Watson, James R.* | Arts, Media & Design, BS | University of Texas at Austin | 1979; M.Ed, University of North Texas, 1982; PhD, University of North Texas, 1987 |

Webb, David D. | Liberal Arts, BA | Pepperdine University | 1962; MA, University of Oklahoma, 1962; PhD, University of Oklahoma, 1978 |

Weibel, Keith | Arts, Media & Design | University of Oklahoma | 1987; MA, University of Central Oklahoma, 1996 |

*Wentroth, Don* | Education & Professional Studies, BS | Oklahoma State University | 1976; M.Ed, University of Central Oklahoma, 1980; Ed.D, Oklahoma State University, 1993 |

*Wert-Gray, Stacia* | Business Administration, BS | University of Arizona | 1981; MBA, University of Arizona, 1985; PhD, University of Oklahoma, 1993 |

*Wetsel, Jan* | Education & Professional Studies, BSEd | Oklahoma Christian University | 1978; M.Ed, University of Central Oklahoma, 1983 |

*White, Greg* | Arts, Media & Design, BM | University of Central Oklahoma | 1992; MA, University of Central Oklahoma, 1994 |

*Wilhelm, Laura Hines* | Education & Professional Studies, BS | University of Central Oklahoma | 1988; M.Ed., University of Central Oklahoma, 1992; D.Ed., Oklahoma State University, 1999 |

*Williams, Connie M.* | Education & Professional Studies, BA | Oklahoma State University | 1980; M.Ed, University of Central Oklahoma, 1988 |

*Williams, Janice K.* | Business Administration, BS | Oklahoma State University | 1969; MBA, University of Central Oklahoma, 1981; EdD, Oklahoma State University, 1993 |

*Williams, Kathryn* | Liberal Arts, BA | University of Oklahoma | 1975; MCJA, Oklahoma City University, 1980 |

*Williams, Vickie* | Education & Professional Studies, BS | Oklahoma City University | 1975; M.Ed, University of Central Oklahoma, 1999; Ed.D, Oklahoma State University, (in progress) |

*Willis, P.* | Geoffrey | Business Administration, BS | Vanderbilt University | 1984; MS, Texas Tech University, 1992; PhD, Texas Tech University, 1994 |

*Wilson, Gregory M.* | Mathematics and Science, BS | Central University of Iowa | 1991; MS, For Hays State University, 1994; PhD, Oklahoma State University, 2001 |
Graduate Faculty

Wilson, Janet, Mathematics and Science, BS, Hartwick College, 1966; MA, New York University, 1972; PhD, University of Oklahoma, 1999

Wilson, Weldon J., Mathematics and Science, BS, Oklahoma State University, 1973; PhD, Oklahoma State University, 1980

Wooden, Lori, Arts, Media & Design, BS, St. Cloud State University, 1980; MM, University of Minnesota, 1986; DMA, University of Wisconsin, Madison, 1996

Youll, Lorraine K., Education and Professional Studies, BA, Missouri Southern State College, 1984; MA, University of Central Oklahoma, 1988; PhD, University of Oklahoma, 1994

*Young, William C., Education and Professional Studies, BS, University of Central Oklahoma, 1972; M.Ed, University of Central Oklahoma, 1977

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, Arts, Media & Design, BA, Central Conservatory of Music, Beijing, 1982; MM, Michigan State University, 1990; DMA, Michigan State University, 1994

Zhu, Zhen, Business Administration, BS, People’s University of China, 1985; M, Bowling Green State University, 1987; PhD, University of Michigan, 1994

*Zimmerman, Mark, Arts, Media & Design, BA, University of Central Oklahoma, 1993; M.Ed, University of Central Oklahoma, 1999

Last revised 7/25/06
Graduate Faculty
Course Descriptions
### Graduate Course Descriptions

**Key to Course Prefixes**

**Colleges:**
- CAMD-College of Arts, Media & Design
- BADM-College of Business Administration
- EDUC-College of Education and Professional Studies
- CLA-College of Liberal Arts
- CM&S-College of Mathematics and Science

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<th>Course Code</th>
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<td>ADED</td>
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<td>ART</td>
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<td>BIO</td>
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<td>BADM</td>
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<td>BCOM</td>
<td>Business Communications, General Business, BADM</td>
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<td>CHEM</td>
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<td>CHIN</td>
<td>Chinese, Modern Languages, Literatures, and Cultural Studies, CLA</td>
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<tr>
<td>COMM</td>
<td>Communications, Communications, CLA</td>
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<td>CMSC</td>
<td>Computer Science, Computer Science, CM&amp;S</td>
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<td>CSDY</td>
<td>Creative Writing, English, CLA</td>
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<td>CJ</td>
<td>Criminal Justice, Sociology, Criminal Justice and Substance Abuse Studies, CLA</td>
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<td>DANC</td>
<td>Dance, Theatre, Dance and Media Arts, CAMD</td>
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<td>DES</td>
<td>Design, Design, CAMD</td>
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<td>EDAM</td>
<td>Educational Administration, Advanced Professional Services, CEPS</td>
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<td>ECED</td>
<td>Early Childhood Education, Curriculum and Instruction, CEPS</td>
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<td>ECON</td>
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<td>ELED</td>
<td>Elementary Education, Curriculum and Instruction, CEPS</td>
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<td>ENGR</td>
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<td>FMCD</td>
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<td>FACS</td>
<td>Family and Consumer Science Education, Occupational and Technology Education, CEPS</td>
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<td>FMKT</td>
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<td>FRSC</td>
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<td>Geography, History and Geography, CLA</td>
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<td>GUID</td>
<td>Guidance, Advanced Professional Services, CEPS</td>
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<td>HLTH</td>
<td>Health, Kinesiology and Health Studies, CEPS</td>
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<td>Humanities, Humanities and Philosophy, CLA</td>
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<td>ISOM</td>
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<td>IME</td>
<td>Instructional Media Education, Advanced Professional Services, CEPS</td>
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<td>Journalism, Journalism, CLA</td>
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<td>KINS</td>
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<td>LATN</td>
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<td>Legal Studies, General Business, BADM</td>
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<td>MGMT</td>
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<td>MKRT</td>
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<td>REC</td>
<td>Recreation, Kinesiology and Health Studies, CEPS</td>
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<td>Safety, Occupational and Technology Education, CEPS</td>
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<td>SOST</td>
<td>Social Studies, Sociology, Criminal Justice and Substance Abuse Studies, CLA</td>
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<td>SOC</td>
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<td>SLP</td>
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<td>Special Education, Special Services, CEPS</td>
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<td>Substance Abuse Studies, Sociology, Criminal Justice and Substance Abuse Studies, CLA</td>
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<td>TESL</td>
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<td>THRT</td>
<td>Theatre, Theatre, Dance and Media Arts, CAMD</td>
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### ACCOUNTING (ACCT)

**Department of Accounting**

#### ACCT 5000 - 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. No more than 2 hours of workshop may be counted on a master’s degree.

#### ACCT 5103 - Contrlr & Dec Acctg
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
Provides a frame of reference in financial accounting theory, origin and development of accounting practices, and a critical study of current accounting theory. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 3213 and ACCT 3233.

#### ACCT 5213 - Current Topics In Accounting
A course to provide the student with knowledge and insight to current problems and/or new areas of concern emerging in the field of accounting. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 3213 and ACCT 3233.

#### ACCT 5313 - Current Issues In Taxation
Analysis of corporate partnerships; federal tax situations involving estate and trust, with emphasis on research and planning. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 3233.

#### ACCT 5423 - Current Issues In Auditing
A graduate course designed to challenge the graduate student to consider philosophies and concepts of accounting and auditing; to understand the current developments, threats and attributes of the profession. Prerequisite(s): Completed all prerequisites for the MBA Program and 18 credit hours in upper division accounting courses including ACCT 4363.

#### 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 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 5950 - Internship
One to eight hours credit; subject matter will vary within the departments field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

#### ACCT 5960 - Institute In Accounting
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

#### ADULT EDUCATION (ADED)

**Department of Occupational and Technology Education**

#### ADED 5000 - Workshop In Adult Education
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master’s degree.

#### ADED 5073 - Man Adlt Ed/Comm Ser
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 - Found Trng and Devel
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 Found of ADED
This course is an overview of the philosophical and historical foundations influencing adult 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 5233 - Curriculum Design in Education
This course will examine the techniques for the analysis of occupations and technical content pertaining to occupational, technology education, and training and development settings. Identification of specific tasks through a training analysis will be used as the basis for developing a complete program of instruction. The analysis process is followed by an examination of procedures for the selection and development of course content in instructional technology and training and development programs. Procedures of curriculum development and development of group and individualized instructional materials will also be examined.

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 - Motivating the Adult Learner
This course provides the tools to help students develop or increase the skills necessary to help motivate adult learners.

ADED 5342 - Consltg Ski Trng/Dev
Examines the internal and external consulting roles of the training and development professional. Topics include an overview of the consulting process, conducting contracting meetings, understanding and dealing with resistance, gathering data, and conducting feedback meetings. Responding to requests for proposals, writing proposals, developing budgets, and determining the cost benefits of training will also be examined.

ADED 5423 - Instr Eval Trng/Dev
Examination of techniques for the evaluation of training and vocational-technical education with special emphasis on the development and administration of valid and reliable knowledge-based and performance-based tests.

ADED 5432 - Hum Rel Traing/Devel
This course will examine the role of human relations in organizations with particular emphasis on the training and development function. Topics addressed include communications, attitudes, positive self-concept, communication styles, motivation, values, emotional control, positive reinforcement, team building, and conflict management.

ADED 5453 - Psych Of Adult Devel
This course is designed to trace the development of the individual from early adulthood through aging. The developmental process to be considered will include young adulthood, marriage and the family, work leisure and retirement, aging and theories of aging.

ADED 5522 - Creative Supervision Skills
This course addresses the characteristics of an effective supervisor, including motivation of employees, appraisal of employees, building relationships within the organization, and creating a positive work climate.

ADED 5531 - Needs Analysis
This course represents a study focusing on the process of analyzing performance problem(s) at organizational, process, and worker levels to provide a composite picture of those requiring training and the nature and content of that training. Prerequisite(s): OCTE 4122, 4853 or 4883.

ADED 5552 - Facilitation Techniques
This course addresses the theory, principles, concepts and practices of group facilitation skills.

ADED 5642 - Proposal Writing in T&D
This course will address the techniques of effective proposal writing for business and industry.

ADED 5823 - Nat & Char Adult Lrn
This course will familiarize the student with adult learning theories and their implications for the education of adults. Emphasis in the course content is based on the application of the psychological, sociological and physiological characteristics of adult learners, the implementation and integration of the 4MAT system of instruction, the changing trends and demographics in society and the effects on adult learning, and the life-cycles and stages of adult learners as they relate to the learning environment.

ADED 5883 - Transformational Learning
This course is designed to familiarize the students with interactive/collaborative methods of teaching which focus on the theory and process of transformative learning and its relationship to current adult education learning methodologies. Prerequisite(s): Enrollment is open to Adult Education majors only.

ADED 5893 - Capstone: Ad Educ/Training
This course is designed to provide the culminating experience for candidates completing the M.Ed. in Adult Education/Training option. The candidate will complete a scholarly paper, training presentation, and poster presentation, integrating basic theory related to adult education in each scholarly activity. Prerequisite(s): PTE 5013, ADED 5132, 5313, 5823. Enrollment is open to Adult Education/Training majors only.

ADED 5900 - Practicum In Adult Education
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ADED 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ADED 5930 - Individual Study
Credit varies from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area to be studied and permission of graduate advisor.
**ADED 5950 - Internship In Adult Education**
Credit will vary from 1 to 8 hours; subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**ADED 5960 - Institute In Adult Education**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

**ADED 5970 - Study Tour In Adult Education**
Credit will vary. 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.

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**ART (ART) Department of Art**

**ART 5000 - Workshop In Art And Design**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

**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 5043 - Photo Composition**
This course offers the study of photography as an art form. Students develop their visual perception using the camera, explore creative darkroom techniques, participate in an exhibition, and produce a portfolio of photographs. Prerequisite(s): JOUR 1123, three hours of art.

**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 5063 - Mural Painting I**
This course offers graduate study in the design and painting of large murals. Students participate in on-site planning, equipment preparation and community involvement. Prerequisite(s): Graduate standing in Art and permission of instructor.

**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 5143 - Glass Design I**
This course offers graduate-level study of basic flat glass fabrication techniques. Students develop skill in the appropriate choice of materials, and apply art elements and principles to create original designs in glass. Prerequisite(s): Six hours of art.

**ART 5152 - Watercolor**
This course offers graduate study in advanced watercolor techniques. Students will create original paintings in watercolor, acrylics, or any waterbased paint medium. Prerequisite(s): ART 1023, 1082 & 2202.

**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.
Graduate Course Descriptions

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 5253 - Glass Design II
This course offers graduate-level study of advanced flat glass fabrication techniques. Students develop skill in the appropriate choice of materials, and apply art elements and principles to create original designs in glass. Prerequisite(s): ART 5143 plus six hours of art.

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 5373 - Intro To Art Therapy
This course will provide a general overview of the foundation and theories of art therapy and is a required course for art therapy registration and certification. Prerequisite(s): Three hours of art and three hours of psychology.

ART 5383 - Methods for Teaching Art Hist
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 - Adv Vsl Arts-El Sch
Development of sequential skills and concepts in the visual arts for elementary schools; survey factors of discipline-based art education (production, criticism, aesthetics, and history.) Prerequisite(s): ART 3803.

ART 5413 - Advanced Jewelry
Advanced study in jewelry using the casting processes. The development and production of jewelry with this method. Prerequisite(s): ART 3463.

ART 5423 - Fiberarts
This course offers Graduate level study of a wide range of fiberart techniques, such as papermaking, feltmaking, and book arts. Students create original, expressive 2-D and 3-D designs in fiber medium. Prerequisite(s): ART 3414.

ART 5433 - Weaving
With instructor-direction, students will develop a plan for advanced research and saturation in weaving design. Options will be chosen according to student's interest, such as weaving for interior design, application to teaching multicultural design, or for personal expression. Prerequisite(s): ART 3403 Weaving.

ART 5443 - Photo: Special Projects
This course offers graduate study in a wide range of photographic techniques. Students will create original photographs with both silver and non-silver processes. Prerequisite(s): Three hours photography including darkroom experience.

ART 5463 - Media In Art Therapy
This course is designed to acquaint the student with the therapeutic qualities of media as used in clinical and art therapeutic applications. In addition, technical and safe uses of the media will be discussed. Strong emphasis will be placed on defining art therapy as process. Individual research in art therapy techniques and media is required. Prerequisite(s): 3 hours of art and 3 hours of psychology or sociology.

ART 5473 - Art Thrpy Proc/Prod
This course will provide an overview of the foundation and theories of art therapy and is a required course for art therapy registration and certification. The course concentrates on the therapeutic benefits of the creative process and product. Prerequisite(s): Three hours of art and three hours of psychology.

ART 5503 - Ceramic Tech & Devel
An extended study of creative experiences in a variety of materials and methods used in the teaching of ceramics in art education. Prerequisite(s): ART 4653.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 5522</td>
<td>Art Presentation And Display</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>ART 5553</td>
<td>Photographing Art</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>ART 5600</td>
<td>Studio Art</td>
<td>Credit varies from 1 to 4 hours. Prerequisite(s): Written permission.</td>
<td></td>
</tr>
<tr>
<td>ART 5623</td>
<td>Adv Form and Surface Design</td>
<td>An in-depth study of specialized techniques used in three-dimensional form or surface design is offered by skilled guest artists. Integration of studio visual art specializations and design concepts is emphasized.</td>
<td></td>
</tr>
<tr>
<td>ART 5653</td>
<td>Ceramics II</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>ART 5703</td>
<td>Art In America</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>ART 5833</td>
<td>Exhibit Presentation</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>ART 5842</td>
<td>Elem Art Educ Methods/art maj</td>
<td>Students develop a sequential discipline-based Art Education curriculum for elementary schools. Prerequisite(s): Graduate standing.</td>
<td></td>
</tr>
<tr>
<td>ART 5853</td>
<td>Sec Art Educ Methods/art major</td>
<td>Curriculum materials for secondary school art will be developed and sequentially organized. Presentation techniques are practiced. Prerequisite(s): Graduate standing.</td>
<td></td>
</tr>
<tr>
<td>ART 5900</td>
<td>Practicum In Art And Design</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
<td></td>
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<tr>
<td>ART 5910</td>
<td>Seminar / Special Topics</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>ART 5930</td>
<td>Ind Study</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>ART 5950</td>
<td>Internship In Art And Design</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
<td></td>
</tr>
<tr>
<td>ART 5960</td>
<td>Institute In Art And Design</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
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</tr>
<tr>
<td>ART 5970</td>
<td>Study Tour In Art And Design</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<td>ART 5990</td>
<td>Thesis In Art And Design</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
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</tbody>
</table>

### BUSINESS ADMINISTRATION (BADM)

#### Department of Business Administration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADM 5000</td>
<td>Workshop</td>
<td>Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
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</tr>
<tr>
<td>BADM 5005</td>
<td>Leading Global Competitive Env</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>BADM 5115</td>
<td>Human Capital Management</td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>
**Graduate Course Descriptions**

**BADM 5125 - Interpret & Integ: Acct & Comm**  
This course introduces students to two key functions that both communication and accounting play in an organization. Emphasis is on how to interpret and communicate information of all kinds to management, co-workers, employees, customers, and other interested stakeholders. Prerequisite(s): BADM 5005 with a minimum grade of "B". Enrollment open to MBA majors only.

**BADM 5135 - Prices Profits & Market Econom**  
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 Bus Proc W/Info Tech**  
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 - Financial Modeling**  
This course covers applications of management science and statistical techniques in a financial context. Corporate financial theory is covered, including financial statement analysis, capital structure, and cash flow analysis. 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.

**BADM 5900 - Practicum**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**BADM 5910 - Seminar / Special Topics**  
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

**BADM 5930 - Ind Study**  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

**BADM 5960 - Institute**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**BADM 5970 - Study Tour**  
Credit will vary. 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 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 - Comm & Bus Behavior**  
Application of contemporary management and behavioral theories to interpersonal group communication within business organizations. Prerequisite(s): Completed all prerequisites for the MBA Program.

**BCOM 5900 - Practicum**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**BCOM 5910 - Seminar / Special Topics**  
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

**BCOM 5930 - Ind Study**  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

**BCOM 5950 - Internship**  
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**BCOM 5960 - Institute**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**BCOM 5970 - Study Tour**  
Credit will vary. Subject matter will vary within the department’s field of study.

**BCOM 5990 - Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
BIOLOGY (BIO)
Department of Biology

BIO 5000 - Workshop In Biology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master’s degree.

BIO 5012 - Intro To Bio Researc
This course is designed to guide the beginning graduate student through elementary experimental design, data collection and analysis, and the subsequent writing of a scientific research proposal. In addition, the course will provide an introduction to the biological literature and to bibliographic search strategies for finding relevant, published information in a library. Prerequisite(s): Minimum 18 hours of biological science.

BIO 5024 - Freshwater Biology
This course studies freshwater life with special emphasis on community relationships, ecological factors indifferent 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): 12 hours of Biology.

BIO 5024L - Freshwater Biology Lab
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): 12 hours of science including at least three hours at the upper division level.

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): 12 hours in Biology, including a course in Ecology and permission of instructor.

BIO 5124 - Herpetology
The morphology, ecology, physiology, behavior and evolution will be studied in extent and extinct Amphibians and Reptiles. General principles and functional processes will be illustrated using recent empirical findings. Concurrent enrollment in BIO 5124L is required. Prerequisite(s): 15 hours of Biological Science and BIO 2263.

BIO 5124L - Herpetology Lab
This is a laboratory for BIO 5124. Prerequisite(s): 12 hours of Biology and BIO 1404.

BIO 5204 - Plant Ecology
This course covers the principles of vegetation analysis and the interaction of plants with their environment. Characterization of important biomes (grass-land, deciduous forest, etc.) with investigations at the population, community and ecosystem levels. BIO 5204L, which includes field work, must be taken concurrently. Prerequisite(s): 12 hours of Biological Science, including BIO 2263.

BIO 5204L - Plant Ecology Lab
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): 12 hours of Biological Science, including BIO 1404.

BIO 5254L - Animal Behavior Lab
This is a three-hour per week laboratory to accompany BIO 5254. Field work required.

BIO 5264 - Mammalogy
This course is a survey of mammals; 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): 12 hours of Biology including BIO 1404.

BIO 5264L - Mammalogy Lab
This is a three-hour per week laboratory to accompany BIO 5264. Participation on weekend field trips is recommended.

BIO 5294 - Plant Taxonomy
This course is a study of the classification of the vascular plants with emphasis on distribution and identification of local flowering plants. BIO 5294L, which includes field work, must be taken concurrently. Prerequisite(s): 12 hours of Biology including BIO 1304.

BIO 5294L - Plant Taxonomy Lab
This is the laboratory for BIO 5294.

BIO 5303 - Physio/Biochem Adapt
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.
### Graduate Course Descriptions

**BIO 5324 - Marine Biology**  
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): 12 hours Biology, including BIO 2263.

**BIO 5324L - Marine Biology Lab**  
This is a three-hour per week laboratory to accompany BIO 5324.

**BIO 5334 - Environmental Microbiology**  
This course is an advanced study in microbiology dealing with the use of microorganisms to mineralize, detoxify and degrade environmental contaminants. This course will study the mechanisms and processes by which microorganisms are involved in the treatment of sewage, identification of waterborne microbial diseases. The course will investigate the remediation of heavy metal contaminated soils. Laboratory exercises will enable students to become familiar with and to use standard tests for the analysis of water and wastewater and the biodegradation of environmental pollutants. Prerequisite(s): Graduate standing and BIO 1404, 1304, 2314, 2263, CHEM 1103, 1223, 3303.

**BIO 5354 - Plant Anatomy**  
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, and BIO 2314.

**BIO 5354L - Plant Anatomy Lab**  
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. BIO 5443L must be taken concurrently.

**BIO 5443L - Microtechnique Lab**  
This is the laboratory to accompany BIO 5443.

**BIO 5454 - Molecular Cell Physiology**  
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): 12 hours of biology and organic chemistry.

**BIO 5454L - Cell Physiology Lab**  
This is a three-hour per week laboratory to accompany BIO 5454.

**BIO 5504 - Mycology**  
This course is a general survey covering the morphology, physiology, reproduction, and economic importance of the saprophytic and parasitic fungi, including those of medical importance, with laboratory experience in their collection, cultivation, and identification. BIO 5504L must be taken concurrently. It consists of three hours lecture and three hours of laboratory per week. Prerequisite(s): 12 hours Biology including BIO 1304 and BIO 2314.

**BIO 5504L - Mycology Lab**  
This is a three-hour laboratory to accompany BIO 5504.

**BIO 5524 - Aquatic Entomology**  
This course studies 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.

**BIO 5524L - Aquatic Entomology Lab**  
This is a three-hour per week laboratory to accompany BIO 5524.

**BIO 5603 - Adv Mammalian Phys I**  
This course is a comprehensive study of human nervous, cardiovascular, and respiratory systems. Prerequisite(s): 12 hours of Animal Biology, including BIO 2604, CHEM 3303 or CHEM 3403; Physics strongly recommended.

**BIO 5613 - Adv Mammalian Phys II**  
This course is a comprehensive study of human digestive, excretory, reproductive, and endocrine systems. Prerequisite(s): 12 hours of Animal Biology including BIO 2604 and CHEM 3303 or CHEM 3403.

**BIO 5633 - Scanning Electron Microscopy**  
This course is a study of the theory and principles of Scanning Electron Microscopy. Topics include sample preparation, critical point drying, sputter coating, and operation of scanning electron microscope. Laboratory exercises will enable students to become proficient in the operation of the SEM and supporting instrumentation. Prerequisite(s): BIO 1304, 1404, 2314 and 12 hours of Biology electives.

**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. Ecological background recommended.
Graduate Course Descriptions

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 and MATH 1513.

BIO 5743 - Molecular & Population Genetics
This course is an advanced study of modern genetics theory. Major topics in this course include behavior, development, immuno-genetics, quantitative and evolutionary genetics. The molecular techniques used to answer biological questions are emphasized. Prerequisite(s): BIO 2233 or 3304; CHEM 3303.

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): 15 hours of Biology including BIO 2314.

BIO 5843 - Virology
This course is a detailed study of the nature and structure of viruses on host cells. Also included will be the viral genetics, molecular cloning, pathogenesis of viral diseases, mechanism of host resistance and a survey of tumor and cancer causing viruses. Concurrent enrollment in BIO 5843L is required. Prerequisite(s): 12 hours of Biology including BIO 2314.

BIO 5843L - Virology Lab
This is the laboratory to accompany BIO 5843.

BIO 5853 - Gen Meth Tch 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.

BIO 5853L - Gen Meth Tch Sci Lab
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.

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 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 5000 - 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. No more than 2 hours of workshop may be counted on a master’s degree.

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 Sci Analysis & Lab
This course provides an introduction to classical and modern forensic science laboratory techniques with emphasis on the theory of modern analytical instrumentation and application to solving forensic problems. Techniques covered include latent fingerprints, textile fibers, poisons and drugs, tool mark and firearm characterization, DNA analysis, and quantitative determination of alcohol and drugs in blood. Concurrent enrollment in CHEM 5253L is required. Prerequisite(s): CHEM 3403 Biochemistry I and CHEM 3454 Fundamentals of Instrumental Analysis and Laboratory.
Graduate Course Descriptions

CHEM 5253L - Forensic Sci Analysis Lab
This laboratory course accompanies CHEM 5253. Concurrent enrollment in CHEM 5253 is required.

CHEM 5454 - Adv Instr Analysis & Lab
This course is a detailed study of modern analytical instruments with emphasis on the theory, design, applications and interpretation of data obtained from these instruments. Instrumental methods used will include electroanalytical and thermal analysis, NMR, atomic absorption, emission, x-ray and Raman spectroscopy, radiochemistry and selected chromatographic methods. Prerequisite(s): CHEM 3454; CHEM 3602 or concurrent enrollment.

CHEM 5454L - Adv Instr Analysis Lab
This laboratory course accompanies CHEM 5454. Concurrent enrollment in CHEM 5454 is required.

CHEM 5603 - Advanced Organic Chemistry
This course is a continuation of CHEM 3303 - CHEM 3323 sequence, and is primarily intended to provide a graduate-level core course in organic chemistry. The emphasis in this course is on theoretical organic chemistry, especially mechanisms of organic reactions and the evidence that supports them, including molecular orbital theory, stereochemistry, kinetics, and thermodynamics. Prerequisite(s): CHEM 3323 and CHEM 3503 or concurrent enrollment.

CHEM 5900 - Practicum In Chemistry
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

CHEM 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

CHEM 5930 - Individual Study In Chemistry
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

CHEM 5950 - Internship In Chemistry
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

CHEM 5960 - Institute In Chemistry
Credit will vary from 1 to 4 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 5000 - Workshop In Chinese
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

CHIN 5900 - Practicum In Chinese
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

CHIN 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

CHIN 5930 - Individual Study In Chinese
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

CHIN 5950 - Internship In Chinese
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

CHIN 5960 - Institute In Chinese
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

CHIN 5970 - Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

CHIN 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

CRIMINAL JUSTICE (CJ)
Department of Sociology/Criminal Justice/Substance Abuse Studies

CJ 5000 - Workshop In Criminal Justice
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speakers, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

CJ 5013 - Juv Justice Sys Mgt And Adm
The juvenile justice system in America will be explored in depth from juvenile intake into the system to final disposition. Juvenile and police relations, the juvenile court process, juvenile law, juvenile rights, and the organizations, management and administration of juvenile bureaus will be covered. Operating juvenile systems will be studied and compared both on a national and international basis.
## Graduate Course Descriptions

**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 - Crit Issues In Crim Justice**  
The object of this course is to present to the student major critical issues facing the criminal justice system in America. Major emphasis will be placed on the making of criminal law, police power in a democratic society, problems within the court and the correctional process in America. The course intends to develop an understanding in depth on the part of the student concerning major critical issues in the area of criminal justice.

**CJ 5043 - Modern Criminal Investigations**  
This course is designed to combine the practical and theoretical aspects of criminal investigations; develop an analytical and practical understanding of the investigative process and explore future predictions of crime solving technology and techniques from a law enforcement perspective. Prerequisite(s): POL 3613.

**CJ 5053 - Crim Justice Systems Mgt/Adm**  
The criminal justice process in America will be viewed in depth from a systems approach. Areas to be covered are: (1) criminal justice as a manageable system, (2) systems as an approach to management, (3) systems management modeling, (4) criminal justice organizational consideration, and (5) making the criminal justice model go systematically.

**CJ 5063 - Innov Corrections And Penology**  
This course will be designed to explain the needs for research and the interpretation of data in the criminal justice system. Emphasis will be placed on planning, interpretation, implementation, and evaluation of programs in corrections and penology. The remainder of the course will focus on new and innovative programs in corrections and penology.

**CJ 5073 - Elements Of Criminal Offenses**  
This course will examine the foundations of American jurisprudence and the enactments of criminal offense statutes. The elements of and defenses to inchoate offenses, offenses against persons, crimes against persons, crimes against morality, alcohol/drug offenses, white collar/organized crime, offenses against public health, 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. Prerequisite(s): POL 3613.

**CJ 5093 - Police Systems Mgt And Adm**  
The police process in America will be viewed from a systems approach. Police activity represents only one aspect of the total criminal justice process. Areas to be covered: (1) police systems management and administration, (2) behavioral science application to police management, (3) police management and administration tasks, (4) systems analysis for police, (5) organizational development and managerial functions, and (6) police productivity.

**CJ 5113 - Research Method Crim Justice**  
This course is primarily designed to acquaint students with 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".

**CJ 5123 - The Jury System**  
This course is designed to provide an in-depth study of the processes and procedures of a jury trial in the American criminal justice system. The course will cover: the origin of juries, how jury panels are developed, how juries are selected, the criminal trial court procedures during trial, the legal right of an accused during a trial, a brief overview of the appellate court system for criminal cases.

**CJ 5133 - Correctional Systems Mgt/Adm**  
The correctional process will be viewed from a systems approach since it represents one element in the total criminal justice process. Attention will be given to the correctional process and its relationship to other institutional and organizational elements within the total Criminal Justice system.

**CJ 5143 - Family Violence Investigations**  
This course will cover law enforcement/social service agency investigations of family violence and provide an overview of the many facets, characteristics and theories of family violence, including but not limited to, child abuse/neglect, elder abuse/neglect, domestic violence (spousal & non-spousal), dating violence and date rape.

**CJ 5203 - Dangerous/Violent Offenders**  
This course presents the characteristics, behaviors, and attitudes of violent offenders with particular emphasis on sex offenders. The areas of domestic violence, pedophilia, sexual assault, and mass and serial murder comprise separate sections of the course. Prerequisite(s): CJ 3633.

**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 5231 - Ethics And Testimony**  
This course provides a comprehensive review of ethics in the criminal justice system and specific ethical dilemmas that confront forensics' specialists in the investigation, collection and preservation of evidence and presentation of testimony and physical evidence in a court of law. Topics include ethics, arrest, search and seizure, evidentiary standards, methods of evidence presentation and evidentiary standards and procedures for courtroom testimony. This course will conclude with an in-depth analysis of the ethical responsibilities of the forensics' specialist as an expert witness in courts of law. Prerequisite(s): CJ 3643 and POL 5323.
**Graduate Course Descriptions**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 5323</td>
<td>Victimology</td>
<td>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.</td>
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<tr>
<td>CJ 5413</td>
<td>Delinquent Child Law</td>
<td>This course is a comprehensive survey of the evolution of the laws, agencies, institutions, courts and treatment for juvenile delinquents in Oklahoma and the United States, including the terminology unique to juvenile legal system and the processes and legal procedures of juvenile courts in Oklahoma and the United States. Prerequisite(s): SOC 3103, 4573.</td>
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<tr>
<td>CJ 5423</td>
<td>Child Abuse And Neglect Law</td>
<td>This course is designed to give the student an overview of the development of unique terminology, laws, institutions, social service agencies, police units, procedures and courts to protect abused/neglected children in Oklahoma and the United States.</td>
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<tr>
<td>CJ 5433</td>
<td>OK Juvenile Correction System</td>
<td>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.</td>
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<tr>
<td>CJ 5443</td>
<td>International Juvenile Systems</td>
<td>This course is designed to give the student an overview of various international juvenile systems and explore how those countries deal with juvenile delinquents and other juveniles in comparison to juvenile court procedures and laws in the United States. Prerequisite(s): CJ 4413, 4423, 4433, SOC 4573.</td>
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<tr>
<td>CJ 5523</td>
<td>Cyber Crime</td>
<td>This course provides an introduction to the investigation of computer crime and the forensic examination of digital evidence.</td>
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<tr>
<td>CJ 5533</td>
<td>White Collar Crime</td>
<td>This course emphasizes debates about white collar crime; different types of white collar crimes; theories and explanations of white collar crime; victimization and offender sentencing issues; and difficulties in the criminal justice system response to white collar crimes. Prerequisite(s): CJ 3643 with a minimum grade of &quot;C&quot;.</td>
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<tr>
<td>CJ 5633</td>
<td>Terrorism &amp; Homeland Security</td>
<td>This course provides an overview of the historical and current context of international and domestic terrorism using a criminological and criminal justice framework.</td>
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<tr>
<td>CJ 5713</td>
<td>Community-Based Corrections</td>
<td>This course is designed to give the student an in-depth overview of probation, parole, halfway houses, work furlough programs and other comprehensive aspects of community-based corrections in Oklahoma and the United States. Prerequisite(s): CJ 4703.</td>
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<tr>
<td>CJ 5723</td>
<td>Critical Issues In Corrections</td>
<td>This course is designed to give the student a comprehensive survey of the controversial issues in Oklahoma and American corrections, including but not limited to: rehabilitation vs. punishment, shaming, electronic monitoring, boot camps, privatization, community supervision vs. incarceration, drug offender incarceration vs. treatment, white collar offenders, death penalty for adults and juveniles, coed institutions, incarceration of pregnant women, and other issues in the field of corrections. Prerequisite(s): CJ 4703.</td>
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<tr>
<td>CJ 5813</td>
<td>OK Adult Correction System</td>
<td>This course is a comprehensive survey of the Oklahoma adult correction system. Included will be a review of the statutes creating, regulating and mandating the infrastructure, processes, procedures and personnel of various institutions and agencies within the Oklahoma adult correction system. Prerequisite(s): CJ 4063, 4703, 4723.</td>
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<tr>
<td>CJ 5823</td>
<td>International Correction Sys</td>
<td>This course is a survey of various correction systems in the world, including England, France, Sweden, Japan, Russia, China and will include a comparison to corrections in Oklahoma and the United States. The correction systems will be explored in the context of the political, historical, organizational and procedural context for the various countries. Prerequisite(s): CJ 4703, 4713, 4723, 4813.</td>
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<tr>
<td>CJ 5900</td>
<td>Practicum In Criminal Justice</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Supervised practical application of previously studied theory. Limited to four semester hours per enrollment.</td>
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<tr>
<td>CJ 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.</td>
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<tr>
<td>CJ 5930</td>
<td>Individual Study</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Study completed on an individual basis covering material specified by the instructor.</td>
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<tr>
<td>CJ 5950</td>
<td>Internship In Criminal Justice</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
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<tr>
<td>CJ 5960</td>
<td>Institute In Criminal Justice</td>
<td>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.</td>
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</tbody>
</table>
## Graduate Course Descriptions

**CMSC 5000 - Workshop In Computing Science**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**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 Artif Intell**  
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.

**CMSC 5043 - Appl 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 3613 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 (CMSC 4023 or CMSC 4273) 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 - Adv Microcomp Applic**  
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 5283 - Software Engineering**  
Software Engineering is the application of engineering and management disciplines to computer software projects. Topics discussed are project organization, management, the system software life cycle, software development and maintenance cost estimation, software development environments, requirements engineering, testing, verification and validation, configuration management, software quality assurance, and risk analysis. Prerequisite(s): CMSC 3613.
Graduate Course Descriptions

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.

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 5930 - Ind 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 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.

CMSC 5970 - Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

CMSC 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

COMM 5000 - Workshop In Communication
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

COMM 5900 - Practicum In Communication
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

COMM 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

COMM 5930 - Ind Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area to be studied and permission of graduate advisor.

COMM 5950 - Internship In Communication
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

COMM 5960 - Institute In Communication
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

COMM 5970 - Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

COMM 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

CREATIVE STUDIES (CSDY)
Department of English

CSDY 5000 - Workshop In Creative Studies
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

CSDY 5103 - The Detective Story
This course will undertake to study detective stories seriously by placing them in three contexts: a historical context, in which the rise and decline of the detective story and its transformation into the novel of mystery or suspense will be considered; a morphological context, which will focus on the ludic structure common to all detective stories; and a critical context, in which several attempts to treat the detective story with self-conscious artistry will be analyzed and judged. The thrust of the course is designed to raise ever more persistent questions about what does and does not constitute seriousness in literary fiction by considering the detective story functionally, in terms of the human desires it satisfies.

CSDY 5113 - Pub Pro: Editing & Marketing
The course provides the graduate student with practical knowledge of the publishing world, including editorial techniques and proofreading, marketing book-length fiction projects and obtaining representation, concurrent enrollment, or completion of novel writing course.
### Graduate Course Descriptions

**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): CSDY 5123 with minimum grade of “B” and 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 of the Director of Creative Writing. Prerequisite(s): CSDY 5123 with minimum grade of “B” and graduate standing.

**CSDY 5203 - 19th Cent. Russian Lit In Trans**  
A three hour seminar for graduate students focusing on discussion and analysis of the 19th Century major Russian writers. This course fulfills either a period or translation requirement. No reading knowledge of Russian is required. Prerequisite(s): Permission of instructor.

**CSDY 5213 - Lit Imp:Ford,Conrad, & James**  
This is a study of the literary which takes its name from the impressionist (first exhibited in 1874) and which reaches an apoogee in the 1890’s. Literary impressionism is outlined in part in the writing of Ford Maddox Ford and describes a variety of recurring literary themes and styles employed in the novels of all three writers. Some of the features of this approach are: a jumbled or nonlinear narrative chronology, an unreliable narrator, an interest in special visual detail, often a kaleidoscopic effect of visual images, a skeptical or ambivalent attitude towards the hero, and an interest in the possible conflict between ethics and art, resulting in a moral evasiveness. All three writers are major figures in the modernist movement and can be seen as ushering in the modern novel.

**CSDY 5223 - Greek Drama In Translation**  
A 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 on the literary and cultural significance of these masterpieces.

**CSDY 5233 - Fitzgerald,Hemingway&the Expat**  
This course focuses on discussion and analysis of the jazz age and the expatriate writers. This course is designed for juniors, seniors, or graduate students and assumes a high level of competence in writing. The student will explore theme and technique common to writers of this period and assess the historical impact.

**CSDY 5243 - Pre-Shakespearean Literature**  
This course will analyze traditional English texts from the point of view of the creativity of character and their relation to narrative. This course will be an intensive study of different literary forms and their effects on the reader.

**CSDY 5253 - Adv Genre Studies-Creative Wrt**  
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.
Graduate Course Descriptions

CSDY 5263 - Character & Culture - 18th Century
To examine representative texts in eighteenth century English literature which 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 his society are key issues to be covered in this course.

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 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.

CSDY 5353 - Creating The Poem
Students will learn to analyze poetry in terms of tone, persona, literal and figurative imagery, arrangement, symbolism, allusion, myth and archetype, sound and devices used to achieve the desired effect, poetic forms, and various styles. Students will write poetry in many different forms and styles.

CSDY 5413 - Writing For Children
Writing for children allows students to try writing for various age groups from infants through young adults. The course looks at the history of writing for children and the psychology of learning to read. Award winning books and authors will be studied, and the habits of successful writing will be explored.

CSDY 5433 - 20th Cent Spanish Lit In Trans
Students will read 20th century works translated from Spanish into English by such writers as Unamuno, Lorca, Jimenez, Borges, Mistral, Neruda, Garcia Marques, Paz, Allende, Anaya, and others. The interchange of influences between old world and new will be explored.

CSDY 5443 - Writing The Contemporary Novel
The student will read popular and bestselling novels and write the first chapter of a novel. The student will read and prepare a report analyzing a contemporary novel. The graduate student will read and prepare two reports analyzing two contemporary novels. Prerequisite(s): CSDY 3573.

CSDY 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.
Graduate Course Descriptions

**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 that they began as  
poets 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. 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 5823 - Lit Crit 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 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 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 Theatre, Dance and Media Arts

### DANC 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

### DANC 5960 - Institute In Dance
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

#### DESIGN (DES)
Department of Design

### DES 5000 - Workshop In Design
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

### DES 5033 - Methods in Design Studies
This introductory course provides graduate students with a better understanding of the expectations and structure of the MFA degree. Students will explore advanced methods in solving design problems, research methodology and presentation. This course will be conducted with lectures, group discussions, and class exercises, and will equip students with a better understanding of the quality of work expected in the graduate program. Prerequisite(s): Permission of Graduate Advisor.

### DES 5113 - History of Graphic Design
This lecture course is a survey of the development of visual communication, design movements, historical styles, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

### DES 5211 - Summer Seminar
This course provides advanced study in a variety of special subjects in design. The course content will vary in each seminar. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

### DES 5233 - Psychology of Design
This course provides advanced study in the application of psychology, creativity thinking, and problem solving to develop effective design solutions. The student will present research, design projects, and presentations to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

### DES 5253 - Design in Global Cultures
This course provides advanced study of design principles, philosophies, materials, and production methods in ethnic cultures. The student will present research and projects to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

### DES 5273 - Business of Design
This course provides advanced study in establishing a design office, including naming, contracts, registrations, soliciting clients, invoicing, and promotion. The student will present a business plan and samples of promotions to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

### DES 5293 - Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

### DES 5313 - Typography
This course provides advanced study in the application of principles, philosophies, materials, and production of typographic design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated for credit. Prerequisite(s): Permission of Graduate Advisor. Enrollment is open to Graphic Design majors only.
Graduate Course Descriptions

DES 5333 - Print Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of print design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5353 - Package Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of package design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5373 - Advertising Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of advertising design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5423 - Computer Graphics Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of computer graphics. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5443 - Illustration Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of illustration. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5463 - New Media Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of new media design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5483 - Clocktower Studio
This course is a working design studio managed and staffed by graphic design majors who work with campus and community clients, printers, and a team of designers. Students make formal presentations of concept proposals and solutions to the client for approval. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5513 - History of Interior Design I
This course is a survey of the development of the history of Interior Design from antiquity to the Renaissance including design movements, styles, furniture, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

DES 5523 - History of Interior Design II
This course is a survey of the development of the history of Interior Design from the Renaissance to Art Deco including design movements, styles, furniture, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

DES 5533 - History of Interior Design III
This course is a survey of the development of the history of Interior Design from the Bauhaus to the present including design movements, styles, furniture, and designers. The student will present a major project in historical research to the Design Graduate Committee for review, guidance, and evaluation. Prerequisite(s): Permission of instructor.

DES 5613 - Lighting Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of lighting design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for a total of nine hours credit. Prerequisite(s): Permission of instructor.

DES 5633 - Computer Drafting Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of computer drafting. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5653 - Residential Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of residential interior 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 5713 - Commercial Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of commercial interior design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.
Graduate Course Descriptions

**DES 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 - Environmental Design Studio**
This course provides advanced study in the application of principles, philosophies, materials, and production of environmental design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

**DES 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 instructor.

**DES 5900 - Practicum In Design**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**DES 5910 - Seminar / Special Topics**
Credit varies from 1 to 4 hours. Directed intensive study on selected problems of special topics.

**DES 5930 - Individual Study In Design**
Credit varies from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports.

**DES 5950 - Internship In Design**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. 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)**
**Department of Advanced Professional Services**

**EADM 5000 - Workshop**
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**EADM 5353 - 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 - Inter Relations School Admin**
The purpose of this course will be to help prospective administrators in the development of their human relations skills which broadly includes development in interpersonal relationships and group process skills. Prerequisite(s): Admission to Education Administration and EADM 5543.

**EADM 5543 - Fund Pub Sch Adm**
Basic principles and practices in modern school administration

**EADM 5553 - Legal Aspects School Admin**
This course is designed to give the student some knowledge of the general principles of school law. Consideration will be given to an understanding of the legal implications of the operation and administration of a public school system. School law as it relates to the state of Oklahoma, the state board of education, and the attorney general will be considered. Prerequisite(s): EADM 5543.

**EADM 5583 - Public School Finance**
Sources of school finance, control of expenditures, general principles of financial administration. Prerequisite(s): Admission to Education Administration and EADM 5543.
Graduate Course Descriptions

**EADM 5623 - Superv/Eval Of Instruction**
The course will prepare school leaders to supervise and evaluate instructional programs, personnel, and curricular programs in public schools. Additionally, this course will examine the better practices in classroom supervision, the perspectives for supervision, and the foundations of supervisory leadership. Prerequisite(s): EADM 5543 AND 5553.

**EADM 5673 - School Personnel Adm**
A study of current personnel policies and practices that affect both certified and non-certified staff members. Prerequisite(s): EADM 5543 and admission to Education Administration.

**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 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 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, procedures, regulations, and agreements as they relate to the operation of the school. (K-12) Prerequisite(s): All courses contained in the required Master's Program.

**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 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**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 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.

**ECED 5042 - Empowerment of Fam/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 - Dev Fam Involve Thru 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.

**ECED 5073 - Lang Dev & Emerg Lit**
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.
**Graduate Course Descriptions**

**ECED 5103 - Dev Learn Fam Involve 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 - Sci & Soc Stu In EC**
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 - Develop Assess Issue**
A study of the readiness variables in the differential stages of maturation and development of the preschool child. Election, administration, and interpretation of tests designed to measure individual intelligence, symbol formation and conceptual ability, laterality, motor coordination, gross and fine finger dexterity, discrimination, vocabulary, listening skills, psycho-linguistic ability, body identification, spatial relationship, physiological growth, neurologic maturation, and emotional stability. Prerequisite(s): ELED 4073, and ECED 4133.

**ECED 5223 - Educ Prac/Constr Tch**
This course will provide an in-depth study of the constructivist psychology of learning. Emphasis will be on materials, classroom management, and curricular application commensurate with the theory of constructivism.

**ECED 5232 - Af Div: Multicult Ed**
A study of the needs of culturally diverse children, the factors of influence that characterize their environment, and an intensive examination of realistic approaches by parents, school and community to aid them in reaching their maximal potential in America’s highly urbanized, technological society. The focus of the course content will be to affirm and respect culturally and linguistically diverse children, support home language preservation, and promote anti-bias approaches through the creation of appropriate learning environments and experiences.

**ECED 5313 - Creat Art/Music/Move**
A study of developmentally appropriate experiences for young children in creative visual art, crafts, dramatic arts, music, rhythm, movement, and perceptual motor development.

**ECED 5422 - Parent Community Relations**
This course is designed to acquaint the student with educational resources available to educators in the community and to enhance their effectiveness in relations with both parents and the community. Prerequisite(s): Admission to Teacher Education.

**ECED 5433 - Theo Prsptv Lrn & Pr**
This course focuses on the critical analysis of current research and theory from multiple disciplines in regard to learning and development and the implications for practice in early childhood settings. Play as a learning medium is emphasized. Students will engage in self-reflection and self-assessment as a means to examine professional practice and promote growth and development.

**ECED 5512 - Prof & Advoc In ECED**
As an introduction to the graduate program in early childhood education, this course examines the professional roles of the early childhood educator. Particular emphasis is placed upon advocacy responsibilities of the educator while serving young children and their families through the exploration of the discipline’s current issues and trends. Students are introduced to a variety of assignments that will be required in their graduate program and an individualized degree plan is devised. This course is to be taken within the initial six hours of graduate study.

**ECED 5900 - Practicum**
Credit may vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ECED 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

**ECED 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

**ECED 5950 - Internship**
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**ECED 5960 - Institute**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**ECED 5970 - Study Tour**
Credit will vary. 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.
## Graduate Course Descriptions

### ECONOMICS (ECON)

#### Department of Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 5000</td>
<td>Workshop In Economics</td>
<td>Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>ECON 5103</td>
<td>Microeconomic Analysis</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5203</td>
<td>Econ Growth &amp; Development</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5303</td>
<td>Quantitative Economics</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5323</td>
<td>Policy Analysis</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5333</td>
<td>Urban Economics</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5343</td>
<td>Economic Analysis Of Law</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5353</td>
<td>Economics Of Education</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5363</td>
<td>Market Structure/Reg/Antitrust</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5373</td>
<td>Health Care Economics</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5403</td>
<td>International Economics</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5433</td>
<td>Macroeconomics Analysis</td>
<td>General linear models for estimating and testing, problem analysis, and interpretations of various statistical models. Topics treated include general linear and nonlinear regression models in matrix terms, inferences in regression analysis, multivariate analysis, analysis of covariance, discriminate analysis, analysis of categorical data, the Box-Jenkins approach to forecasting, and some topics in sampling techniques. Prerequisite(s): Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>ECON 5453</td>
<td>Advanced Business Statistics</td>
<td>Advanced analysis of the theories of demand, supply production, cost, the firm, and market organizations. Prerequisite(s): Completed all prerequisites for the MBA Program.</td>
</tr>
<tr>
<td>ECON 5503</td>
<td>Macroeconomics Analysis</td>
<td>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.</td>
</tr>
<tr>
<td>ECON 5523</td>
<td>Policy Issues In Labor Econ</td>
<td>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.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

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 & Analy Tools
Provides the applied knowledge, advanced technical and library skills, and hands-on experience necessary for performing economic research and analysis. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5900 - Practicum In Economics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5930 - Individual Study In Economics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5950 - Internship In Economics
Credit will vary from 1 to 4 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 4 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 4 hours. Subject matter will vary within the department’s field of study.

ECON 5993 - Applied Research & Analy Tools
Provides the applied knowledge, advanced technical and library skills, and hands-on experience necessary for performing economic research and analysis. Prerequisite(s): Completed all prerequisites for the MBA Program.

ELED 5000 - Workshop
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

ELED 5223 - Lit-Based Lang Arts Instruct
Through the use of quality children’s literature, focus of this course seeks to enable teachers and other school personnel to enhance elementary and middle school students’ performance in language arts, particularly listening, speaking, and writing. Prerequisite(s): ELED 4213 - Teaching Language Arts in Elementary/Middle School Grades.

ELED 5253 - Inquiry Science For Elem Tchrs
A study of inquiry methods for teaching children life, earth-space and physical science concepts. Emphasis is placed on national science and certification standards. Prerequisite(s): Valid elementary certificate or admitted to candidacy.

ELED 5323 - Tchg Math In Preschool/Primary
The selection and organization of subject matter is designed to facilitate the teacher’s ability to meet the needs of preschool and primary children. Child development and mathematics curriculum will be studied including mathematics readiness, diagnosis, and placement. Activities for developing concepts in topics such as pre-number, number, geometry, measurement, and the collection and organization of data will be explored. Prerequisite(s): Admission to Teacher Education.

ELED 5333 - Tchg Math Intermediate Grades
This course is designed to facilitate the prospective teacher’s ability to meet the needs of intermediate grade students in the study of mathematics. It includes the study of current trends in mathematics curriculum; instructional techniques and materials; assessment of student performance; and curriculum programs. Specific topics covered are patterns and relationships; organizing, analyzing and synthesizing data; communicating mathematically; strategies for problem solving; mathematical concepts and skills of whole numbers, rational numbers, geometry, and measurement; and the use of technology. Prerequisite(s): ELED 5323 and Admission to Teacher Education.

ELED 5463 - Social Studies Elem 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 5733 - Tchg Math For Understanding
Selection and organization of content; teaching techniques and materials; evaluation of student achievement; refresher study on content supplementing normal course work. Prerequisite(s): ELED 3333.
Graduate Course Descriptions

**ELED 5753 - Social Studies In Global Env**
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. Prerequisite(s): ELED 3423.

**ELED 5772 - Imp Instruct In Lit Elem Schl**
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 the course.

**ELED 5900 - Practicum**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

**ELED 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ELED 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**ELED 5950 - Internship**
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**ELED 5960 - Institute**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**ELED 5970 - Study Tour**
Credit will vary. Subject matter will vary within the department’s field of study.

**ELED 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**ENGLISH (ENG)**
**Department of English**

**ENG 5000 - Workshop In English**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**ENG 5013 - Bib & Methods Of Research**
This course exposes students to both the theory and the practice of advanced scholarly research in literary studies.

**ENG 5023 - Advanced Technical Writing**
This course will provide comprehensive guidance to skills in clear, direct and effective writing in each specific professional area. Students will become familiar with reports, proposals, partition or mechanism descriptions, process descriptions, instructions, specifications, resumes, letters, memorandums and other technical communication formats.

**ENG 5033 - Issues In Technical Writing**
This course offers an intensive study of a specific topic within the discipline of technical writing. Content will vary within the limits of the discipline.

**ENG 5043 - Colonial American Literature**
The course examines the colonial, regional, and revolutionary literature of America to identify the history, ideologies, myths, poetry, essays, and drama which shaped and continue to influence American culture.

**ENG 5053 - Vietnam War Film & Literature**
This course examines the cinematic and literary perspectives of the Vietnam War from gender, ethnic and nationalistic perspectives. Students will discuss the historical, social and political aspects of the war in comparison to films and literary works from other American wars. Prerequisite(s): Graduate standing.

**ENG 5063 - Women Writers in Sci & Techl Comm**
This class will cover the history of scientific and technical writing of women writers from Renaissance through the twentieth century

**ENG 5073 - 19th C 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 C Amer Womens Autobio**
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.
### Graduate Course Descriptions

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>ENG 5133</td>
<td>19th Century British Novel</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5153</td>
<td>Victorian Poetry And Prose</td>
<td>This course on the major British literary figures during 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.</td>
</tr>
<tr>
<td>ENG 5173</td>
<td>Romantic Poetry</td>
<td>A study of the major poets of the Romantic period from the 1870's to the 1820's, the course is designed to introduce students to the major literary criticism on the Romantic period as it increases their understanding of the Romantic poets' ideals and artistic themes.</td>
</tr>
<tr>
<td>ENG 5183</td>
<td>Restoration/18th C British Lit</td>
<td>This course offers a comprehensive study of the major authors, genres, and thematic concerns of Restoration and early 18th-century British literature.</td>
</tr>
<tr>
<td>ENG 5193</td>
<td>British Novel 1900-1940</td>
<td>This course on the work of the major British novelists from approximately 1900 to 1940 focuses on the Modernist movement in British literature.</td>
</tr>
<tr>
<td>ENG 5203</td>
<td>The Age Of Johnson</td>
<td>The Age of Johnson studies seventeen lesser, non-novel writers of the latter half of the eighteenth century while emphasizing the dominating figures, Samuel Johnson and James Boswell, in their cultural milieu.</td>
</tr>
<tr>
<td>ENG 5213</td>
<td>18th Century British Novel</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5223</td>
<td>Southern Women Writers</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5233</td>
<td>American Novel I</td>
<td>The course will cover the development of the American novel from its' beginnings in the late 18th Century through the romantic, realist, and naturalist periods.</td>
</tr>
<tr>
<td>ENG 5243</td>
<td>Chaucer</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5253</td>
<td>American Novel II</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5273</td>
<td>American Fiction Since WW II</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5283</td>
<td>English Grammar And Usage</td>
<td>This one semester course provides a detailed scholarly analysis of contemporary English. Although the approach is descriptive rather than prescriptive, a distinction is made between formal and informal usage. Textbook analysis are supplemented by workbook exercises and readings in scholarly journals.</td>
</tr>
<tr>
<td>ENG 5313</td>
<td>Cinema of the Seventies</td>
<td>This course examines the development of American cinema during the 1970s, including unique themes of the environment and major directors of the period.</td>
</tr>
<tr>
<td>ENG 5323</td>
<td>History English Language</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5333</td>
<td>Teaching Shakespeare</td>
<td>This is a course in the methods of teaching Shakespeare. In-depth study of four plays, including the study of literary criticism pertinent to each play, is combined with pedagogical theory and practice. The “performance method” of teaching Shakespeare, defined by Michael Tolaydo and the Folger Teaching Shakespeare Institute, is given special consideration.</td>
</tr>
<tr>
<td>ENG 5343</td>
<td>Linguistics</td>
<td>The course is a comprehensive study of the English language from sounds (phonetics and phonology) to words (morphology) to structure (syntax) to meaning (semantics). The course also examines some social aspects of language (especially dialectology) as well as some applications of linguistic theory to other fields.</td>
</tr>
<tr>
<td>ENG 5353</td>
<td>Issues In Linguistics</td>
<td>This course offers an intensive study of a specific topic within the discipline of linguistics. Content will vary within the limits of discipline.</td>
</tr>
<tr>
<td>Course Code</td>
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<tr>
<td>ENG 5363</td>
<td>Theories of Film History</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5373</td>
<td>Methods of Film Research</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5383</td>
<td>Modern American Poetry</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5413</td>
<td>Tesl Grammar</td>
<td>The course will allow graduate students to study the practical application of grammatical theories in English as a Second Language (ESL) instruction through both primary and secondary research.</td>
</tr>
<tr>
<td>ENG 5423</td>
<td>A Literary Study Of The Bible</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5433</td>
<td>Classical Hollywood Cinema</td>
<td>This course offers students an advanced understanding of the aesthetic and industrial practices that have defined the classical Hollywood cinema.</td>
</tr>
<tr>
<td>ENG 5463</td>
<td>American Indian Literature</td>
<td>This course will provide a broad cultural background study of Native Americans and their literature in the United States from pre-contact times to the present, with critical study of works by American Indian authors, of Native American mythology and folklore, and of the integration of related music, visual art, and tribal histories. This course will include traditional, transitional, and modern works.</td>
</tr>
<tr>
<td>ENG 5473</td>
<td>Advanced Composition</td>
<td>This course presents the principles of effective writing and affords students the opportunity to apply these principles through extensive writing practice.</td>
</tr>
<tr>
<td>ENG 5483</td>
<td>Milton: Poetry And Prose</td>
<td>This course examines the major poems and selected minor poetry and prose of John Milton, the great Seventeenth Century poet, puritan and revolutionary. Through close critical readings of Milton’s work, the class will examine such Miltonic themes as loss, guilt, patience, choice, trial, free will, the relationship between men and women and their relationship with God. The class will study the literary genres which Milton adopts and adapts (epic, tragedy, pastoral, masque, etc.), and the poetics, aesthetics, and ethics which inform his work. The course will analyze Milton in his various roles of farsighted politician, profound theologian, and visionary poet.</td>
</tr>
<tr>
<td>ENG 5503</td>
<td>16th Century British Lit</td>
<td>The course provides a survey of sixteenth century British prose, poetry, and drama. It will provide an extensive examination of writers and literary forms arising during Britain’s 16th Century, each of which demonstrates continuing literary and historical importance to literature in English.</td>
</tr>
<tr>
<td>ENG 5513</td>
<td>Literary Works Of C.S. Lewis</td>
<td>This course will provide comprehensive coverage of the literary works of C. S. Lewis and a brief look at related criticism. The course will include literary interpretation, genres, motifs, literary devices, and themes of the works.</td>
</tr>
<tr>
<td>ENG 5523</td>
<td>Major Figures &amp; Movements</td>
<td>This course offers an intensive study of specific authors literary movements. Special attention will be paid to the literary, historical, and critical contexts of the authors or movements selected for study. Content will vary within the department’s field of study.</td>
</tr>
<tr>
<td>ENG 5533</td>
<td>Teaching Methods For TA’s</td>
<td>This course provides teaching assistants with the training necessary to teach first year composition. Students will focus on the pedagogical concerns involved in teaching the writing process and will come to understand the effects that professional attitude, grading procedures, conferring with students, and the use of technology have on the objectives of the class as a whole. Prerequisite(s): Students must be accepted into the Teaching Assistant program. Written permission required.</td>
</tr>
<tr>
<td>ENG 5543</td>
<td>History Rhetoric To 1700</td>
<td>This course surveys the history of rhetoric in western Europe from the fifth century B.C. through the seventeenth century. The first half of the course covers the major theories and pedagogics of classical rhetoric, from Homer through Quintilian, and the second half covers rhetoric in the Middle Ages and the Renaissance.</td>
</tr>
<tr>
<td>ENG 5553</td>
<td>Modern British Poetry</td>
<td>This one-semester course examining the works of the major British poets from before World War I to the contemporary era.</td>
</tr>
<tr>
<td>ENG 5573</td>
<td>British Novel Since WW II</td>
<td>This course examines the major British novelists and their work from approximately 1940 to 1990, focusing on &quot;post-modernism&quot; as a major literary movement in England following World War II.</td>
</tr>
</tbody>
</table>
ENG 5583 - 17th Century British Lit
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.

ENG 5613 - 18th C 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, homiletic 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 - Classic Young Adult Literature
This course will explore literature written specifically for or taught to an adolescent audience and will focus on texts written before 1980.

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 - Contemporary Young Adult Lit
This course explores literature written specifically for or taught to an adolescent audience and will focus on texts written after 1980.

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 C 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 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 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 a 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 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 - 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 5930 - 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 Physics and Engineering

ENGR 5023 - Thermal Science
This course introduces basic thermal-energy transport processes, conduction, convection, radiation, and the mathematical analysis of systems involving these processes in both steady and time-dependent cases. Prerequisite(s): ENGR 3203, 3443, MATH 3103.

ENGR 5163 - Engineering Optics
The principles of geometrical and physical optics are applied to the analysis and design of optical systems including uniaxial and biaxial crystals, Gaussian-beam propagation, optical resonators, lasers, q-switching and mode locking, line broadening and electro-optic modulations. Prerequisite(s): Graduate standing and permission of instructor.

ENGR 5443 - Fluid Dynamics
The fundamental equations and solution methods of fluid dynamics are presented with particular attention to solving the Navier-Stokes equation. Topics covered will include mass conservation, momentum and energy equations for continua, potential flow, incompressible and compressible flows, viscous flow, similarity and dimensional analysis, boundary-layer theory, vorticity, and turbulent flow. Prerequisite(s): ENGR 3203, 3443, MATH 3103.

ENGR 5553 - Applied Problems
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 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 5990 - Thesis in Engineering**  
Credit will vary from 1 to 3 hours. Subject matter will vary within the department’s field of study.

### FAMILY AND CONSUMER SCIENCE EDUCATION (FACS)  
Department of Occupational and Technology Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Subject Matter Within the Department’s Field of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 5000</td>
<td>Workshop</td>
<td>1 to 4</td>
<td>Normally involves lecture, films, guest speaker, etc.</td>
</tr>
<tr>
<td>FACS 5112</td>
<td>Home Management</td>
<td></td>
<td>The study of effective management concerning values and goals as reflected in decision-making about personal and family resources.</td>
</tr>
<tr>
<td>FACS 5123</td>
<td>Professional Issues</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>FACS 5133</td>
<td>Methods Of Teaching</td>
<td></td>
<td>Problems and methods of teaching home economics.</td>
</tr>
<tr>
<td>FACS 5173</td>
<td>Program Development</td>
<td></td>
<td>This class is designed to provide home economics education majors with knowledge and skills needed for developing a vocational and general home economics program.</td>
</tr>
<tr>
<td>FACS 5572</td>
<td>Career Education</td>
<td></td>
<td>This course is designed to provide the student with understanding of themselves relative to careers with special emphasis on the breadth of the field.</td>
</tr>
<tr>
<td>FACS 5900</td>
<td>Practicum</td>
<td>1 to 4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FACS 5910</td>
<td>Seminar / Special Topics</td>
<td>1 to 4</td>
<td>Directed intensive study of selected problems or special topics.</td>
</tr>
</tbody>
</table>

**FINANCE (FIN)  
Department of Finance**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Subject Matter Within the Department’s Field of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 5000</td>
<td>Workshop In Finance</td>
<td>1 to 4</td>
<td>Normally involves lecture, films, guest speaker, etc.</td>
</tr>
<tr>
<td>FIN 5203</td>
<td>Contemp Prob Finance</td>
<td></td>
<td>A readings and case course designed to increase the practical realism of the problems faced by financial managers in the modern business world. The course provides an environment that enhances the student’s understanding of textbook issues and current business problems by requiring article reviews, case analyses, report writing, oral presentations, and participatory discussions of contemporary issues in business, economics and finance.</td>
</tr>
<tr>
<td>FIN 5223</td>
<td>International Finance</td>
<td></td>
<td>A study of the financial problems of the multinational business firm. The course includes lectures, case discussions, and contemporary readings to extend both modern and traditional theories of financial management to the area of international business operations.</td>
</tr>
</tbody>
</table>

**FACS 5930 - Ind Study**  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area and permission of graduate advisor.

**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. 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 5233</td>
<td>Investment Analysis</td>
<td>A study of the various approaches to the selection and timing of investment opportunities for the individual and for the business firm. The course includes a review of traditional and modern theories of investment strategy and portfolio analysis. Case discussions, problem solving and contemporary readings are utilized. Prerequisite(s): FIN 5333.</td>
<td></td>
</tr>
<tr>
<td>FIN 5243</td>
<td>Money And Capital Markets</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>FIN 5253</td>
<td>Capital Budgeting</td>
<td>A theory and tools course that emphasizes the economic analysis of the firm's long-term investment opportunities. Specific emphasis is placed on determining the optimal capital budgeting techniques and processes. Extensive attention is given to the problem of explicitly incorporating risk into the analysis and to the problem of modifying decision rules when there are constraints on budget size. Prerequisite(s): FIN 5333.</td>
<td></td>
</tr>
<tr>
<td>FIN 5333</td>
<td>Fin Adm &amp; Control</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>FIN 5353</td>
<td>Derivative Securities</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>FIN 5413</td>
<td>Financial Analysis w/ Computer</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>FIN 5423</td>
<td>Employee Benefit Planning</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>FIN 5900</td>
<td>Practicum In Finance</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.</td>
<td></td>
</tr>
<tr>
<td>FIN 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.</td>
<td></td>
</tr>
<tr>
<td>FIN 5930</td>
<td>Individual Study In Finance</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.</td>
<td></td>
</tr>
<tr>
<td>FIN 5950</td>
<td>Internship In Finance</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
<td></td>
</tr>
<tr>
<td>FIN 5960</td>
<td>Institute In Finance</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.</td>
<td></td>
</tr>
<tr>
<td>FIN 5970</td>
<td>Study Tour</td>
<td>Credit will vary. Subject matter will vary within the department's field of study.</td>
<td></td>
</tr>
<tr>
<td>FIN 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.</td>
<td></td>
</tr>
</tbody>
</table>

**FOREIGN LANGUAGE (FLGN)**

**Department of Modern Languages, Literature & Cultural Studies**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLGN 5000</td>
<td>Workshop In Foreign Language</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of &quot;P&quot; or &quot;F&quot; is given. No more than 2 hours of workshop may be counted on a master's degree.</td>
<td></td>
</tr>
<tr>
<td>FLGN 5103</td>
<td>Lit Of Frnch/Hisp Caribbean</td>
<td>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. rerequisite(s): 17 hours in major (French, Spanish or others) and permission of the instructor.</td>
<td></td>
</tr>
</tbody>
</table>
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLGN 5900</td>
<td>Practicum In Foreign Language</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5920</td>
<td>Directed Read</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5930</td>
<td>Ind Study</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5950</td>
<td>Internship In Foreign Language</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5960</td>
<td>Institute In Foreign Language</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5970</td>
<td>Study Tour</td>
<td>Credit will vary. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
</tbody>
</table>

**FAMILY AND CHILD DEVELOPMENT (FMCD)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMCD 5000</td>
<td>Workshop</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of &quot;P&quot; or &quot;F&quot; is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>FMCD 5011</td>
<td>Prof Dev In Fam/Child Develop</td>
<td>This course will explain professional opportunities, professional organizations, certifications, and job opportunities in Family and Child Studies. The graduate internship and portfolio assessment will also be addressed. Prerequisite(s): Majors only.</td>
</tr>
<tr>
<td>FMCD 5023</td>
<td>Theories In Fam &amp; Ch Studies</td>
<td>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.</td>
</tr>
<tr>
<td>FMCD 5043</td>
<td>Family Dynamics and Sexuality</td>
<td>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).</td>
</tr>
<tr>
<td>FMCD 5211</td>
<td>Fam &amp; Child Studies Methods</td>
<td>This course will detail the principles of family life education in conjunction with the ability to plan, implement and evaluate programs. Additional areas of study will be professional organizations, certifications, career development and an overview of the Family and Child Studies graduate program.</td>
</tr>
<tr>
<td>FMCD 5363</td>
<td>Ethics/iss In Fam/Child Study</td>
<td>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.</td>
</tr>
<tr>
<td>FMCD 5373</td>
<td>Lifespan Human Dev Ch/Fam St</td>
<td>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.</td>
</tr>
<tr>
<td>FMCD 5423</td>
<td>Linking Families &amp; Community</td>
<td>This course is a study of programs in the community that offer support, education, assistance, assessment and prevention to people raising families. This course will research program mission and goals and effective means of program development, delivery and evaluation. Group dynamics and program methodology will be examined. Prerequisite(s): Enrollment open to Family and Child Studies majors only.</td>
</tr>
<tr>
<td>FMCD 5511</td>
<td>Prof Develop In Family/Child</td>
<td>This course will explain professional opportunities, professional organizations, certifications, and job opportunities in family and child studies. The graduate internship and portfolio assessment will also be addressed. Prerequisite(s): Majors only.</td>
</tr>
<tr>
<td>FMCD 5523</td>
<td>Family Law and Public Policy</td>
<td>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.</td>
</tr>
<tr>
<td>FMCD 5542</td>
<td>Leadership Prin &amp; Advocacy</td>
<td>Leadership Principles and Advocacy will explore the theories and principles of leadership when working with family agencies. Areas of study will include leadership skills, characteristics and techniques, and current issues of advocacy and legislation.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

**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.

**FMCD 5900 - Practicum**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**FMCD 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

**FMCD 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

**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 5000 - Workshop In Fashion Marketing**
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**FMKT 5063 - Fashion Accessories**
Analysis of the accessory needs of specialized market segments and the products produced to meet those needs with emphasis on product design, marketing, and merchandising. Prerequisite(s): FMKT 1303 or FMKT 3113.

**FMKT 5073 - Heritage of Dress II**
An in-depth study of the development of costume and fashion from the Ancient Egyptians to present day with an emphasis on interpreting and analyzing current fashion trends from a historical perspective. Prerequisite(s): Six credits in history/humanities or permission of the instructor.

**FMKT 5093 - No-Textiles Accessories**
Analysis of the non-textile accessory needs of specialized market segments and the products produced to meet those needs with emphasis on product design, marketing and merchandising. Prerequisite(s): FMKT 3113.

**FMKT 5621 - Dress for the Professional**
This course is designed to relate one’s dress to career demands and successes and to discover an affordable, accomplished, versatile, and professional approach to clothing selection and wardrobe coordination. Designed for both male and female students.

**FMKT 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and written permission of graduate advisor.

**FMKT 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area and permission of graduate advisor.

**FMKT 5960 - Institute In Fashion Marketing**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**FMKT 5970 - Study Tour**
Credit will vary. Subject matter will vary within the department’s field of study.

**FUNERAL SERVICE (FNRL)**
Department of Funeral Service

**FNRL 5000 - Workshop In Funeral Service**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**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 5930 - Ind Study**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.
Graduate Course Descriptions

FNRL 5950 - Intership 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.

FRENCH (FRCH)
Department of Modern Languages, Literature & Cultural Studies

FRCH 5000 - 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. No more than 2 hours of workshop may be counted on a master’s degree.

FRCH 5203 - French Cult & Civil
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 5930 - Ind 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 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)
Department of Chemistry

FRSC 5000 - Workshop In Forensic Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

FRSC 5102 - Physical Aspects Forensic Sci
This course provides a survey of the physical aspects of forensic science. Topics include the operation and function of a forensic science laboratory, fingerprint identification, firearms and tool marks identification, document examination, trace evidence examination, and crime scene investigation. Prerequisite(s): One semester of college chemistry with laboratory. Concurrent enrollment in FRSC 5112 is required.

FRSC 5112 - Phys Aspects Forensic Sci Lab
This is a laboratory course that utilizes advanced microscopic, chemical, and instrumental methods applied to crime scene samples. This course includes principles and methods of analysis of microscopic and macroscopic evidence such as glass, soil, paper, inks, and dyes, paints and other coating materials, explosives, fibers, drugs, and other materials classifiable as trace evidence. Prerequisite(s): CHEM 2104. Concurrent enrollment in FRSC 5102 is required.

FRSC 5143 - Crime Scene Investig/Reconstr
This course covers techniques used in crime scene processing and the integration of all forensic disciplines used in an investigation. A formal process which reconstructs crime scenes and which will withstand courtroom challenges will be developed. Topics include crime scene processing, integration of forensic disciplines, investigation of a mock crime scene, event analysis, and event flow charting.
FRSC 5202 - Bio Aspects Forensic Sci
This course introduces principles of forensic serology, pathology, and toxicology and provides basic knowledge of the application of techniques in these areas to forensic investigations, including identification of human remains, partial individualization of biological materials, and detection of drugs in biological matrices. Prerequisite(s): One semester of college biology with lab, and one semester of college chemistry with lab. Concurrent enrollment in FRSC 5212 is required.

FRSC 5212 - Bio Aspects Forensic Sci Lab
This course presents laboratory applications of forensic serology, pathology, and toxicology. Techniques of comparison and individualization of biological evidence will be utilized. The theory and practice of microscopic, biological, immunological, and chemical analysis will be applied to the examination of blood, seminal fluid, saliva, hair, tissues, botanical samples, and other materials of forensic interest. Prerequisite(s): BIO 3304, CHEM 3441. Concurrent enrollment in FRSC 5202 is required.

FRSC 5313 - Death Investigation
This course is a comprehensive study of the multidisciplinary scientific principles and techniques which comprise the modern basis of human death investigation. Emphasis is placed on forensic pathology and the pathophysiology of natural and unnatural death. Complementary techniques from physical anthropology, radiology and odontology are integrated through didactic presentations and case studies. Prerequisite(s): FRSC 5143 and 5202.

FRSC 5323 - Forensic Toxicology & Lab
This course is a comprehensive study of the scientific principles and techniques which comprise modern forensic toxicology. Emphasis is placed on modern instrumental techniques used in the toxicological analysis of biological samples. Prerequisite(s): CHEM 3454, FRSC 5102. Concurrent enrollment in FRSC 5323L is required.

FRSC 5323L - Forensic Toxicology Laboratory
This laboratory course accompanies FRSC 5323. Prerequisite(s): CHEM 3454, FRSC 5102. Concurrent enrollment in FRSC 5323 is required.

FRSC 5333 - Forensic Molecular Biol. & Lab
This lecture and laboratory course presents principles of molecular biology with forensic laboratory applications. This course includes the theory and practice of techniques used to identify and individualize biological samples of forensic interest. Prerequisite(s): FRSC 5212 or permission of instructor. Concurrent enrollment in FRSC 5333L is required.

FRSC 5333L - Forensic Molecular Biology Lab
This course is a laboratory course designed to accompany FRSC 5333. Prerequisite(s): FRSC 5212. Concurrent enrollment in FRSC 5333 is required.

FRSC 5413 - Bloodstain Pattern Analysis I
This comprehensive course investigates the significance of bloodstain patterns found at violent crime scenes. Using bloodstain pattern analysis the student will learn to identify the occurrences that took place during and after a violent attach. Topics include the physical laws of fluids and the application physics and trigonometry to bloodstain pattern analysis. Several practical exercises are used to assess the skill and knowledge of the student. Prerequisite(s): FRSC 5102 and 5202.

FRSC 5423 - Bloodstain Pattern Analysis II
This is the second course in the study of bloodstain pattern analysis. The course provides a comprehensive review of this highly specialized crime scene reconstruction tool. Students will utilize current literature, case studies, laboratory experiments and computer simulation to gain experience in using bloodstain patterns in reconstructing crime scenes. Emphasis is given to the mathematical formulas and calculations involving trigonometry and physics. Emphasis is also given to preparing students to become qualified as expert witnesses for court testimony. Prerequisite(s): FRSC 5413.

FRSC 5443 - Forensic Arson Investigation
This is a comprehensive course on fire investigation emphasizing the use of specialized forensic techniques for the identification of causes of fires. Major topics included in this course are the chemistry of fire, how to diagram the fire scene, common types of building construction and the effects of construction on how structures burn. Proper collection of physical evidence, documentation, analysis and preservation as related to fire investigations will be emphasized. Prerequisite(s): FRSC 5102.

FRSC 5900 - Practicum In Forensic Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FRSC 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FRSC 5930 - Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite: Permission of instructor.

FRSC 5950 - Internship In Forensic Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

FRSC 5960 - Institute In Forensic Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. 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 Physics and Engineering

GENS 5000 - Workshop In General Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master's degree.

GENS 5900 - Practicum In General Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GENS 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GENS 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GENS 5960 - Institute In General Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

GENS 5970 - Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

GENS 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

GEOGRAPHY (GEO)
Department of History & Geography

GEO 5000 - Workshop In 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” will be given. No more than 2 hours of workshop may be counted on a master's degree.

GEO 5103 - Historical Geography Of The US
Geographical environment as it has modified and influenced the historical growth of the United States.

GEO 5503 - Geography Of South America
An intensive study of the geography of South America.

GEO 5703 - Geo Info Sys For K-12 Educator
This course introduces geographic information systems as tools for illustrating geographic concepts in K-12 education. The primary focus is on theoretical and practical knowledge of GIS software, as well as on applying that knowledge to standards-based education models.

GEO 5900 - Practicum In Geography
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GEO 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GEO 5930 - Individual Study In Geography
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GEO 5950 - Internship In Geography
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

GEO 5960 - Institute In Geography
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

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” will be given. No more than 2 hours of workshop may be counted on a master's degree.

GERM 5203 - German Cult & Civil
Prerequisite(s): Eighteen hours of German.

GERM 5223 - Advanced German Grammar
Prerequisite(s): Eighteen hours of German.
GERM 5313 - Joh W Von Goethe
Goethe (1749-1832) shaped the German language and the German cultural landscape like no other author. Students will read several of Goethe’s works and analyze them in the context of seminar discussions, exams and a paper. An essential component of this course is the interrogation of the 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 Occupational and Technology Education

GERO 5000 - Workshop
Credit will vary from 1 to 2 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

GERO 5023 - Orientation to Gerontology
The purpose of this course is to present a broad overview of the major concepts and issues relevant to gerontology. These will include theories of aging, health and physiological aspects of aging, environmental design and retirement housing, leisure and recreation.

GERO 5213 - Hlth & Social Serv for Seniors
This course focuses on health and social services available to seniors in the United States providing in-depth understanding of Medicare, Medicaid, Aging Network Services, housing, and private sector services.

GERO 5342 - Politics of Aging
This course focuses on a range of political and policy issues that affect the well-being of seniors and the political realities of developing solutions to these needs and concerns.

GERO 5363 - Psychology of Aging
This course examines the psychological aspects of human aging. Focus areas include, psychological theories of aging, psychological research methods in aging field, dementias/psychopathologies of aging, and sensory, motor, and cognitive changes with aging.

GERO 5443 - Biology of Human Aging
The course examines the biological changes associated with human aging. Emphasis is given to theories of biological aging, maintenance of homeostasis, age changes in each body system, interactions among these systems, and diseases that commonly affect older adults.

GERO 5463 - Bereavement Counseling
This course will discuss death and dying, the stages of grief, hospice, the living will and techniques to be used in counseling the bereaved of all ages.

GERO 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 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.
GUID 5000 - Workshop in Guidance
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

GUID 5013 - Prin Guidance And Counseling
Principles, functions and practices basic to guidance on both elementary and secondary levels, professional, ethical and legal responsibilities; historical development and current trends and issues. This course includes the characteristics of successful counselors and the development of basic helping skills.

GUID 5113 - Theories/Tech Group Sch Counsl
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 - Counsl Intervention Strategies
A study of the theoretical and practical aspects of helping children and adolescents cope with major life stressors common to this age group in contemporary society. Specific needs to be covered include divorce, drugs and alcohol, depression, stress, abuse, and others. Issues related to counseling minorities will be covered. Prerequisite(s): GUID 5163.

GUID 5163 - Theories/Tech Individual S/Cou
Introduction to individual counseling theory and school counseling techniques. Emphasis is placed on major counseling theories, their underlying philosophy, assumptions and techniques. Their strengths and weaknesses with an application in the school setting. Prerequisite(s): GUID 5141 or concurrent enrollment.

GUID 5193 - Abnormal Psychology Sch Person
A survey of the normal/abnormal continuum of behaviors with emphasis on behaviors that can and cannot be accommodated within institutional teaching/counseling programs. This includes a broad study of the major classifications of psychopathology as well as the etiology, progress and treatment of the disorder, as viewed from the major paradigms.

GUID 5213 - The Counselor As Consultant
Theory and practice as a consultant in school, family, and community settings.

GUID 5253 - Developmental Guidance
Study of the design and management of a comprehensive developmental guidance program. Emphasis on the planning and implementation of a guidance curriculum appropriate for needs of all students. Prerequisite(s): GUID 5012 and PTE 5203.

GUID 5333 - Individual Test Interpretation
A survey of individual tests, utilizing case studies and other appropriate techniques. Designed to enable school counselors and other service personnel to interpret and utilize the results of individual tests. Prerequisite(s): PTE 5383.

GUID 5343 - Counseling Children/Adolescent
This course covers the process and interventions in counseling children and adolescents. Different models of play and activity therapy will be examined. Specific developmental issues will be examined along with how these issues can be addressed via the media of play and through therapeutic games and activities. This course includes clinical observation and discussion of the observed cases. Prerequisite(s): GUID 5153, 5163 or concurrent enrollment.
Graduate Course Descriptions

**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 - Develop Guid El Schl**
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 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 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 5123 - Professional Issues**
This course is planned to assist the student in identifying professional and personal competencies needed in emerging Human Environmental Sciences areas. Opportunities for exploring and assessing self interests and abilities as well as the identification of competencies needed for professional level employment in a specialized area will be encouraged and required.

**HES 5233 - Research Methods**
This course develops the basic techniques and methodology in academic and scientific research. Current research studies are reviewed and interpreted to show how the evaluation process applies to the professional areas encompassed by Human Environmental Sciences.

**HES 5323 - Creative Leadership**
This course explores strategies for marketing oneself effectively. Areas covered include 1) creativity and productivity, 2) leadership styles, 3) power and delegation, and 4) promotional techniques. The general information will be applied to studies of individuals as well as to student self-evaluation.

**HES 5910 - Seminar / Special Topics**
Credit may vary from 1 to 4 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 - Am Diplomatic Hist—20th Cent**
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 - Am 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 - Intro 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; 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 homogenous 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 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 5433 - Am Colonial Period, 1492-1763
From the discovery of America to the Treaty of Paris in 1763.

HIST 5443 - Am Rev & Early Natl, 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 - Crit& Analytical Study Of Hist
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 Am 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/Prog 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 - Hist Of U.S., 1919-1945
This course is a detailed study of American history from World War I to end of World War II.
Graduate Course Descriptions

HIST 5643 - Anth: Societies/Global Perspec
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.

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 Amer Exp 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 Amer Exp 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 5813 - The History Of Greece And Rome
A study of the two primary civilizations of ancient times with emphasis on their cultural and intellectual achievements as the foundation of western culture.

HIST 5823 - Soc/Cult Hist Of Us To 1865
A study of the social, cultural and intellectual life of the United States from colonial times to the Civil War.

HIST 5833 - Soc/Cult Hist Of Us Since 1865
A study of the social and cultural history of the United States from the Civil War to the present.

HIST 5843 - Maj Interpretations Of Am Hist
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 - Hist 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 - Hist 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.
**Graduate Course Descriptions**

**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 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 - Intership 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 5000 - 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. No more than 2 hours of workshop may be counted on a master's degree.

**HLTH 5203 - Org&Adm-Commun Hlth**  
A study of the organization and administration of community health programs with emphasis on organization and presentation of materials, concept formations, relationships to public education and educational law, implementation and coordination with other agencies.

**HLTH 5313 - Wellness Intrvnt Strat & Skill**  
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 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 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 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 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 5000 - Workshop In Humanities**  
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.

**HUM 5083 - Advanced Film Criticism**  
This course covers the advanced theory and practice of scholarly film criticism, as distinct from film journalism.

**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 5930 - Ind Study**  
Credit will vary from 1 to 4 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.
Graduate Course Descriptions

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)
Department of Advanced Professional Services

IME 5000 - Workshop
Credit will vary from 1 to 2 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

IME 5013 - Library Materials for Sec Schl
This course examines qualitative historical and contemporary resources for young adult media center collections and presents media specialist and 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 Clsrms/Med Ctrs
A study of the appropriate utilization of microcomputers in classrooms and media center. Major emphasis is placed upon selection and evaluation of instructional software, making use of available bibliographic resources.

IME 5053 - School Lib Admin & Internship
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. The internship portion of the class includes field experience in all major areas of library operations and services.

IME 5133 - Graphic and Video Production
This course is designed to explore concepts, software and equipment required for multimedia production. It focuses on technology integration, preparation of textual and visual materials for multimedia and video production. This course replaces LME 5133 which replaced LME 5132. Prerequisite(s): IME 3312 with a minimum grade of “C”.

IME 5143 - Instructional Tech Foundations
The course covers the field of instructional technology, situating the field within the context of its historical perspective, current practices, and future directions. This is a core course in the applied technology option. It provides an introduction to the field and profession of instructional technology. Given that most entering technology students come from fields other than it, LME 5143 gives newcomers a sense of history and an explanation of how the components of the field fit together. There is a particular emphasis on the evolution of the “big ideas” of the field.

IME 5223 - PR and Information Skills
The focus of this course is the teaching of information literacy skills and creation of lessons/units to teach those skills. In addition, there will be emphasis on aspects of public relations essential to the success of school media centers. Practice in communicating services to both internal and external audiences will be provided, as well as both electronic and print practice in planning and producing public relations campaigns, integrated units of information/curriculum skills, and communications tools.

IME 5233 - Library Matris for Elem School
This course is designed for the prospective teacher or librarian who requires competence in building print and non-print collections supportive of the elementary school curriculum. It surveys qualitative historical and contemporary resources for children’s media center collections and presents media specialist and teacher techniques for creating meaningful literature experiences and methods of fostering lifelong reading habits. Evaluation, examination, and application of intellectual freedom, genres, themes, literary aspects, assessment criteria, authors, illustrators, and curriculum integration are studied.

IME 5243 - Effective Wrtng Inst Tech
This course emphasizes reader-centered writing in the creation of instructional materials by extracting, evaluating, and synthesizing information. Students develop skills in business documents, grant proposals, technical reports, and presentations. Styles of writing and audiences are examined.
Graduate Course Descriptions

IME 5313 - Collab Design/Multimed Mtrls
This course focuses on the design of educational 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 5413 - Managing Computer/Info 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 - Reference and Bibliography
This course introduces students to reference materials and services in libraries. It includes a history of the reference function in school, public, and special libraries; principles and uses of bibliography; correlation of reference to other library functions; rationale and techniques of reference service; evaluations and use of selected reference tools.

IME 5453 - Cataloging and Classification
This course is a study of descriptive cataloging rules, creation of marc records, bibliographic networks, electronic and printed catalogs, formulation of assimilation and dissemination policies and procedures, and Dewey Decimal and Library of Congress classification systems. Course content stresses instruction and applied practice in descriptive cataloging and assignment of subject headings for school library media centers. This course replaces LME 5453 which replaced LME 5454.

IME 5543 - Instr 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 - Instr Design & Develop 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 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 of 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 - Eval/Chng Inst Dev Proc
This advanced laboratory in instructional system design is an indepth study of the final stages of the instructional design process. The focus is on measurement assessment, formative and summative evaluation, the educational change process as it relates to diffusing and implementing an innovative instructional project and project management. The course requires actual field experience at an existing academic or corporate site. Prerequisite(s): LME 5543, 5613.

IME 5863 - Elements of Web Design
This course correlates with national technology standards to provide students with knowledge to produce technology to communicate and collaborate with peers, parents, and the larger community. Students will be provided practice in both introductory and advanced elements of web design, utilizing a variety of applications. Emphasis is on planning, design, and development of instructional and informational products.

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 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.

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.
Graduate Course Descriptions

INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT (ISOM)
Department of Information Systems and Operations Management

ISOM 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.

ISOM 5143 - Computing Systems For Mgmt
This course provides students with practical knowledge, skills, and hands-on experience necessary to develop and use end user information systems. Particular emphasis is given to the appropriate use of computer applications to enhance management problem solving and communication. Prerequisite(s): Completed all prerequisites for the MBA Program.

ISOM 5243 - Database Design/Implementation
This course examines the fundamental concepts necessary for planning, designing, using, and implementing database systems. This course will stress database modeling and design, the languages and facilities provided by database management systems, and system implementation techniques. Through case studies, students will be asked to apply concepts learned to solve actual database management systems problems in business organizations. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5143.

ISOM 5343 - Decision Support Systems
The design and development of end-user microcomputer applications that support semi-structured decision making in all levels of business organizations. Conceptual topics will include the decision making process, organizational data access and integration, building decision models, and design of graphical user interfaces. Students will use microcomputer client applications to gather data from multiple data sources and apply decision models from management science, accounting, finance, marketing or other business areas to provide support for business decisions. Students will be expected to design and demonstrate prototype decision support projects in the context of a real business problem. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5143.

ISOM 5533 - Management Science
This course is designed to lead students through the fields of management science/operations research and their applications in the business world, with an emphasis on modeling. The topics covered in this course include decision theory, utility theory, forecasting, linear programming modeling, the simplex method, sensitivity analysis, the transportation and assignment models, and project management. Students are introduced to the use of computer software packages which are designed for the analysis of a wide variety of business problems. Prerequisite(s): Completed all prerequisites for the MBA Program.

ISOM 5633 - Operations Mgmt & Analysis
A study of operations management and its role in contributing to an organization’s competitive strengths along the dimensions of quality, cost, flexibility, and time. The relationship of product and service quality to productivity and costs. Conceptual issues and quantitative methods of decision making by operation management at the strategic, tactical, and operational levels. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5533.

ISOM 5733 - Advanced Management Science
This course is a continuation of the management science (ISOM 5533) course. The main objectives of this course are to introduce students to more advanced theory and techniques in the fields of management science/operations research and their application in the business world. Covered topics include decision theory, queuing, simulation, goal programming, integer programming, and the implementation of management science in organizations. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5533.

ISOM 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ISOM 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ISOM 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ISOM 5950 - Internship
Credit may vary from 1 to 8 hours.

ISOM 5960 - Institute
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ISOM 5970 - Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

ISOM 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study. JAPANESE (JAPN)

Department of Modern Languages, Literature & Cultural Studies

JAPN 5000 - Workshop In Japanese
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
**Graduate Course Descriptions**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAPN 5900</td>
<td>Practicum In Japanese</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>JAPN 5910</td>
<td>Seminar / Special Topics</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>JAPN 5930</td>
<td>Individual Study In Japanese</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>JAPN 5950</td>
<td>Internship In Japanese</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>JAPN 5960</td>
<td>Institute In Japanese</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>JAPN 5970</td>
<td>Study Tour</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>JAPN 5990</td>
<td>Thesis</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
</tbody>
</table>

**JOURNALISM (JOUR) Department of Mass Communication**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOUR 5000</td>
<td>Workshop In Journalism</td>
<td>Varies</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>JOUR 5013</td>
<td>Res Meth In Mass Com</td>
<td></td>
<td>A study of the sources of information of research techniques peculiar to journalism, including readership studies, readability formulas, content analysis, and the questionnaire interview. The production of a publishable article is required.</td>
</tr>
<tr>
<td>JOUR 5063</td>
<td>Feature Writing</td>
<td></td>
<td>Theory and practice of researching, writing, and marketing the feature story for various media.</td>
</tr>
<tr>
<td>JOUR 5103</td>
<td>School Publications</td>
<td></td>
<td>A study of supervising production of school publications with emphasis on printing methods, school newspapers, and yearbooks.</td>
</tr>
<tr>
<td>JOUR 5123</td>
<td>Advanced News Editing</td>
<td></td>
<td>Advanced theory and practice of editing copy, writing headlines, and designing pages of newspapers. Lab 5123L must be taken concurrently. Prerequisite(s): JOUR 3143.</td>
</tr>
<tr>
<td>JOUR 5123L</td>
<td>Adv News Editing Lab</td>
<td></td>
<td>Laboratory to accompany JOUR 5123.</td>
</tr>
<tr>
<td>JOUR 5133</td>
<td>Magazine Editing II</td>
<td></td>
<td>A continuation of JOUR 2123, with emphasis on editorial skills in planning, designing, and production of magazine-type publications. Prerequisite(s): JOUR 2123.</td>
</tr>
<tr>
<td>JOUR 5143</td>
<td>Depth Reporting</td>
<td></td>
<td>Gathering and writing news of substance and depth on public affairs with emphasis on complete investigation and evaluation of conflicting points of view and complex issues. Prerequisite(s): JOUR 1143.</td>
</tr>
<tr>
<td>JOUR 5163</td>
<td>Public Information Methods</td>
<td></td>
<td>A study of various methods used by public information officers in dealing with the communications media, particularly the preparation and dissemination of news releases, assistance in news gathering, maintaining information and photo files, and budgeting public information programs. Prerequisite(s): JOUR 3223.</td>
</tr>
<tr>
<td>JOUR 5183</td>
<td>Public Relations Case Studies</td>
<td></td>
<td>Case studies of specific public relations problems; planning short and long range public relations programs for various media, government. Prerequisite(s): JOUR 3223.</td>
</tr>
<tr>
<td>JOUR 5192</td>
<td>Editorial Writing</td>
<td></td>
<td>Theory and practice of researching and writing the editorial for various media.</td>
</tr>
<tr>
<td>JOUR 5203</td>
<td>Press Theories</td>
<td></td>
<td>A study of various ethical values of the world press as practiced by authoritarian, communist, libertarian, and social responsibility theories.</td>
</tr>
<tr>
<td>JOUR 5243</td>
<td>History Of Journalism</td>
<td></td>
<td>A study of the development of American journalism, with emphasis on the economic, social and political factors that produced the basic periods.</td>
</tr>
<tr>
<td>JOUR 5253</td>
<td>Non-Fiction Writing II</td>
<td></td>
<td>Discipline and guidance in developing a nonfiction book project or magazine articles. Prerequisite(s): JOUR 3253.</td>
</tr>
<tr>
<td>JOUR 5262</td>
<td>Public Relations Campaigns</td>
<td></td>
<td>Preparation and presentation of special public relations efforts in business, government, education, health and other areas. Prerequisite(s): JOUR 3223.</td>
</tr>
<tr>
<td>JOUR 5283</td>
<td>Advertising Campaigns</td>
<td></td>
<td>A study of various elements involved in the production of an advertising campaign from inception to conclusion. Students research, create, produce, execute, and evaluate a number of advertising campaigns for real clients for all media. Prerequisite(s): JOUR 1183, 3283.</td>
</tr>
<tr>
<td>JOUR 5303</td>
<td>Large Format Photography</td>
<td></td>
<td>Producing pictures with large roll film and sheet film cameras. Prerequisite(s): JOUR 2143.</td>
</tr>
<tr>
<td>JOUR 5303L</td>
<td>Large Format Photography</td>
<td></td>
<td>Laboratory to accompany JOUR 5303.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

**JOUR 5353 - Ad/PR Photo**
A study of the application of the basic principles of still photography to the specific fields of public relations and advertising photography. Prerequisite(s): JOUR 3343, 4303.

**JOUR 5383 - Advertising Sales**
A study of various theories and advertising selling skills need for media sales. Students create and sell advertising for one or more campus or commercial publications or broadcast stations. Prerequisite(s): JOUR 3283.

**JOUR 5413 - Tech Of Forsc Photo**
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): JOUR 1123.

**JOUR 5563 - Ethics And Laws Of The Press**
A study of the various legal rights and restrictions, ethics, duties, and responsibilities of the press.

**JOUR 5842 - Tchg Journ Sec Schl**
Problems and methods.

**JOUR 5900 - Practicum In Journalism**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**JOUR 5910 - Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**JOUR 5930 - Individual Study In Journalism**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**JOUR 5950 - Internship In Journalism**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**JOUR 5960 - Institute In Journalism**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**JOUR 5970 - Study Tour**
Credit will vary. Subject matter will vary within the department’s field of study.

**JOUR 5990 - Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**KINESIOLOGY (KINS)**
Department of Kinesiology and Health Studies

**KINS 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.

**KINS 5113 - Leg/Eth Princp of Well Mngmt**
This course provides students with the opportunity to gain insight and understanding about the law and its implications on professionals in the fields of health, wellness, sport, education, leisure, and fitness. Prerequisite(s): Graduate standing.

**KINS 5213 - Ldrshp in Hlth, Fit, & Wellness**
This course is designed to generate competence for prospective directors, managers, and administrators for leadership in wellness settings. Technical and conceptual skills of leadership will be discussed and applied towards wellness programs in industry, hospitals, and health agencies. Prerequisite(s): Graduate standing.

**KINS 5223 - Tech & Media for Wellness Mngr**
This course provides wellness professionals with the skills to initiate, maintain, and expand technology and media into daily business. It also emphasizes obtaining resources, information, skills, and strategies through practical application. Prerequisite(s): Graduate standing.

**KINS 5303 - Diag Test & Exerc Prescption**
This course is designed to enhance the student’s knowledge and application of exercise testing and exercise prescription for apparently healthy populations. Prerequisite(s): Graduate standing and PHED 5303 and KINS 4513.

**KINS 5313 - Athletic Training Principles**
This course is a study of advanced theories, techniques, and applications of skills relative to athletic injury care and rehabilitation. Prerequisite(s): Enrollment open to Athletic Training majors only.

**KINS 5333 - Rehab Exer for Special Popul**
This course is designed to increase the student’s working knowledge about special populations in the areas of physical assessment and exercise prescription. Prerequisite(s): Graduate standing and PHED 5303.

**KINS 5343 - Assessment Athletic Injuries**
This course provides the student with information and basic skills used to evaluate athletic injuries and special problems including palpation methods, manual muscle tests, neurological tests, and special tests. Prerequisite(s): Enrollment is open to Athletic Training majors only.

**KINS 5403 - Biomechanical Analysis**
The principles of classical mechanics are applied to the study of human motion to provide students with an understanding of the internal and external forces acting on the body during human movement. The role of muscle in generating force and controlling movement is emphasized. Prerequisite(s): PHED 3333 and HLTH 3223.
## Graduate Course Descriptions

### KINS 5413 - Clin Ed Assmt of Ath Injuries
This course will provide the clinical experience to conduct comprehensive injury examinations, determine a list of different diagnoses and make clinical judgments. Prerequisite(s): Concurrent enrollment in KINS 5343 is required. Enrollment open to Athletic Training majors only.

### KINS 5423 - Strength Dev & Trng Methods
This course is designed to address strength development and training in the context of exercise science, sports medicine, preventive medicine, health psychology and behavioral medicine, epidemiology, nutrition, and rehabilitative medicine. The focus will be the blending of theory driven research with the practical applications of exercise prescription to specific training paradigms and that relationship to exercise adherence, maintenance, and relapse. Prerequisite(s): Graduate standing.

### KINS 5433 - Therapeutic Modalities
This course will provide the athletic training student with the knowledge, theory, and techniques for the use and application of therapeutic modalities. Prerequisite(s): Enrollment open to Athletic Training majors only.

### KINS 5443 - Clin Ed Therapeutic Modalities
This course provides clinical education sessions and supervised field experiences to develop clinical skills in therapeutic modalities. Prerequisite(s): Enrollment open to Athletic Training majors only.

### KINS 5513 - Medical Aspects of Ath Train
This course will provide the knowledge and skills necessary to recognize, manage, and refer the athletes to appropriate medical specialists. Prerequisite(s): Enrollment is open to Athletic Training majors only.

### KINS 5523 - Rehab Tech for Athletic Injury
This course will provide a comprehensive look at post-injury and post-operative rehabilitation techniques. Students will study the therapeutic exercise and modality techniques involved in returning athletes from injury to full participation. Prerequisite(s): KINS 5313. Enrollment is open to Athletic Training majors only.

### KINS 5513 - Medical Aspects of Ath Train
This course will provide the knowledge and skills necessary to recognize, manage, and refer the athletes to appropriate medical specialists. Prerequisite(s): Enrollment is open to Athletic Training majors only.

### KINS 5523 - Rehab Tech for Athletic Injury
This course will provide a comprehensive look at post-injury and post-operative rehabilitation techniques. Students will study the therapeutic exercise and modality techniques involved in returning athletes from injury to full participation. Prerequisite(s): KINS 5313. Enrollment is open to Athletic Training majors only.

### KINS 5561 - Clin Ed for Rehab Techniques
The course will provide the opportunity to practice rehabilitation skills instructed in the clinical setting under the supervision of an accredited clinical instructor. Instruction in the clinical setting will include supervised practice and assessment of the individual rehabilitation skill and supervised application of the skill with injury treatment and rehabilitation. Prerequisite(s): Enrollment open to Athletic Training majors only.

### KINS 5623 - Pathophysiology for Ath Train
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 Admin
This course will examine the organization and administration of an Athletic Training Program with an emphasis on the formulation of policies and procedures and other administrative tasks using NATA competencies. Prerequisite(s): Enrollment open to Athletic Training majors only.

### KINS 5723 - Psychosocial Aspects of AT
This course will focus on sociological and psychological aspects of physical activities on athletes, and the effects of physical activity as related to differences based on cultural, ethnic, gender, and handicapping conditions. Prerequisite(s): 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 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 minor in the subject matter area and permission of the graduate advisor.

### 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 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate minor in the subject matter area and permission of the graduate advisor.

### KINS 5970 - Study Tour
Credit will vary. 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**

### LATN 5000 - Workshop In Latin
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 the master’s degree.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATN 5900</td>
<td>Practicum In Latin</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>LATN 5910</td>
<td>Seminar / Special Topics</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>LATN 5930</td>
<td>Individual Study In Latin</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>LATN 5950</td>
<td>Internship In Latin</td>
<td></td>
<td>1 to 8</td>
<td></td>
</tr>
<tr>
<td>LATN 5960</td>
<td>Institute In Latin</td>
<td></td>
<td>1 to 8</td>
<td></td>
</tr>
<tr>
<td>LATN 5970</td>
<td>Study Tour</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LATN 5990</td>
<td>Thesis</td>
<td></td>
<td>1 to 6</td>
<td></td>
</tr>
</tbody>
</table>

### Legal Studies (LS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 5910</td>
<td>Seminar / Special Topics</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>LS 5930</td>
<td>Ind Study</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>LS 5950</td>
<td>Internship In Legal Studies</td>
<td></td>
<td>1 to 8</td>
<td></td>
</tr>
<tr>
<td>LS 5990</td>
<td>Thesis</td>
<td></td>
<td>1 to 6</td>
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</tbody>
</table>

### Media Arts (MART)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MART 5900</td>
<td>Practicum In Media Arts</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>MART 5910</td>
<td>Seminar In Media Arts</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>MART 5920</td>
<td>Directed Reading In Media Arts</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>MART 5930</td>
<td>Individual Study In Media Arts</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>MART 5950</td>
<td>Internship In Media Arts</td>
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<td>1 to 8</td>
<td></td>
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<tr>
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<td>Institute In Media Arts</td>
<td></td>
<td>1 to 8</td>
<td></td>
</tr>
<tr>
<td>MART 5970</td>
<td>Study Tour In Media Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MART 5990</td>
<td>Thesis In Media Arts</td>
<td></td>
<td>1 to 6</td>
<td></td>
</tr>
</tbody>
</table>

### Mathematics (MATH)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 5000</td>
<td>Workshop In Mathematics</td>
<td></td>
<td>1 to 4</td>
<td></td>
</tr>
<tr>
<td>MATH 5103</td>
<td>The Real Number System</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 5113</td>
<td>Operations Research I</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
MATH 5123 - Operations Research II
Topics in this course include deterministic dynamic programming, deterministic inventory models, 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 Tchrs
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 - Adv Calculus for Applic 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 4143.

MATH 5153 - Adv Calculus for Applic 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 Tchrs
This course is a continuation of MATH 5134. Prerequisite(s): MATH 5134.

MATH 5183 - Numerical Analysis II
This course is a continuation of MATH 3263. Topics include the study of quadrature formulae, the numerical solution of ordinary differential equations, an introduction to linear programming, and error analysis. Prerequisite(s): MATH 3263.

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 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 - Intro 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 uniqueness 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 - Intro 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 5583 - Methods Tchg Math And Comp Sc
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 - Intro to Graduate Research
Students in this course will learn how to conduct scholarly research, read professional journals, structure a comprehensive paper, and communicate mathematical concepts. Each student will submit a comprehensive report in a format appropriate to the nature of the investigated problem. Prerequisite(s): Enrollment open to math majors only.
Graduate Course Descriptions

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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<tr>
<td>MATH 5910</td>
<td>Seminar / Special Topics</td>
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<td>Subject matter will vary within the department’s field of study. Directed intensive study on selected problems or special topics. rerequisite(s): Undergraduate minor in the subject matter area and permission of graduate advisor.</td>
</tr>
<tr>
<td>MATH 5930</td>
<td>Ind Study</td>
<td>1-4</td>
<td>Directed intensive study on definite or special subject, based on approved outlines or plans; conference, oral and written reports. rerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>MATH 5950</td>
<td>Internship In Mathematics</td>
<td>1-8</td>
<td>Subject matter would vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>MATH 5960</td>
<td>Institute In Mathematics</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MATH 5970</td>
<td>Study Tour</td>
<td>varied</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MATH 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>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.</td>
</tr>
<tr>
<td>MCOM 5900</td>
<td>Practicum in Mass Com</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MCOM 5910</td>
<td>Seminar / Special Topics</td>
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<td>Subject matter will vary within the department’s field of study. Directed intensive study on selected problems or special topics. rerequisite(s): Undergraduate minor in the subject matter area and permission of graduate advisor.</td>
</tr>
<tr>
<td>MCOM 5930</td>
<td>Independent Study</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study. Directed intensive study on definite or special subject, based on approved outlines or plans; conference, oral and written reports. rerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>MCOM 5950</td>
<td>Internship in Mass Com</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>MCOM 5960</td>
<td>Institute in Mass Com</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MCOM 5970</td>
<td>Study Tour in Mass Com</td>
<td>varied</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MCOM 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>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.</td>
</tr>
<tr>
<td>MGMT 5000</td>
<td>Workshop In Management</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>MGMT 5023</td>
<td>Business Policy</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>MGMT 5043</td>
<td>Organizational Theory &amp; Design</td>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>

**Mass Communication (MCOM)**

**Department of Mass Communication**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 5000</td>
<td>Workshop in Mass Communication</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>MCOM 5623</td>
<td>Gays &amp; Lesbians in Film/Media</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>MCOM 5900</td>
<td>Practicum in Mass Com</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MCOM 5910</td>
<td>Seminar / Special Topics</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study. Directed intensive study on selected problems or special topics. rerequisite(s): Undergraduate minor in the subject matter area and permission of graduate advisor.</td>
</tr>
<tr>
<td>MCOM 5930</td>
<td>Independent Study</td>
<td>1-4</td>
<td>Subject matter will vary within the department’s field of study. Directed intensive study on definite or special subject, based on approved outlines or plans; conference, oral and written reports. rerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>MCOM 5950</td>
<td>Internship in Mass Com</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>MCOM 5960</td>
<td>Institute in Mass Com</td>
<td>1-8</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MCOM 5970</td>
<td>Study Tour in Mass Com</td>
<td>varied</td>
<td>Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>MCOM 5990</td>
<td>Thesis</td>
<td>1-6</td>
<td>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.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

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 Funct Of The Firm
A total firm concept which involves many different kinds of business problems which are conceptual in nature. Problems studied are based on the student's career objectives, business background, and academic preparation. Prerequisite(s): Completed all prerequisites for the MBA Program and MGMT 5023.

MGMT 5563 - Corp Soc Resp & Bus
A course designed to enable the student to develop a philosophy of the social responsibility of business, and a philosophy of personal responsibility as a leader within the field of business. Moral and ethical responsibilities of business and its administrators are considered. Prerequisite(s): Completed all prerequisites for the MBA Program.

MGMT 5900 - Practicum In Management
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

MGMT 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

MGMT 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

MGMT 5950 - Internship In Management
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

MGMT 5960 - Institute In Management
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

MGMT 5970 - Study Tour
Credit will vary. 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 5000 - Workshop in Music Performance
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master's degree.

MPER 5010 - Applied Music (graduate)
Credit will vary from 1 to 4 hours. Applied brass, organ, piano, voice, strings, percussion and woodwinds.

MPER 5151 - UCO Chamber Orchestra
The UCO Chamber Orchestra offers advanced students the opportunity to perform orchestral works of the 17th and 18th Centuries in a chamber setting working without a conductor. Prerequisite(s): A successful audition, and permission of the instructor.

MPER 5161 - UCO Symphony Orchestra
The UCO Symphony offers a well-rounded orchestral experience through performing four to eight concerts each school year, embodying compositions in a variety of styles from various musical periods. Prerequisite(s): A successful audition.

MPER 5281 - Band
A band is a large ensemble performing group. The university band program is open to all university students who have performance skills on band instruments. During the fall semester the marching band performs at football games, and spring semester is devoted to wind ensemble and concert band performance. Prerequisite(s): Written permission of instructor.

MPER 5351 - Advanced Piano Ensemble
The advanced piano class is designed for piano majors or students with equivalent proficiency. The course of study will provide solo performers an opportunity for ensemble playing experience. Areas of concentration are piano duet literature, two-piano and four-piano literature, piano accompanying, and multiple score reading. Prerequisite(s): Written permission of instructor.

MPER 55822 - 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 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 5930 - Individual Study in Music Perf**  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports.

**MPER 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.

**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. 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 5000 - Workshop In Marketing**  
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**MRKT 5123 - Marketing Management**  
Marketing management is the study of the analysis, planning, implementation, and control of programs designed to create, build, and maintain mutually beneficial exchanges and relationships with target markets for the purpose of achieving organizational objectives. It relies on a disciplined analysis of the needs, wants, perceptions and preferences of target and intermediary markets as the basis for effective product design, pricing, communication, and distribution. Prerequisite(s): Completed all prerequisites for the MBA Program.

**MRKT 5143 - Non-profit Marketing**  
A study of application of marketing concepts in noncommercial ventures such as governmental bureaus and Departments, religious or charitable activities, various causes of current concern, and any group endeavor in which profit is not the motivating force. Specific topics and emphasis will vary with different student groups. Prerequisite(s): Completed all prerequisites for the MBA Program and MRKT 5123.

**MRKT 5223 - Current Issues In Marketing**  
Study of and attention to current and timely topics, issues, and problems in the area of marketing. Extensive utilization of current literature in the area of marketing. Major objective of the course will be to acquaint the student with the major developments of the immediate and long-range trends in the area of marketing. Prerequisite(s): Completed all prerequisites for the MBA Program and MRKT 5123.

**MRKT 5553 - International Marketing**  
International environmental forces and their impact on international marketing decision making. Stresses marketing 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 5930 - Individual Study In Marketing**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MRKT 5950 - Internship In Marketing**  
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**MRKT 5960 - Institute In Marketing**  
Credit will vary from 1 to 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 department’s field of study.

**MRKT 5990 - Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**MUSIC EDUCATION (MUED)**  
**School of Music**

**MUED 5000 - Workshop In Music Education**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**MUED 5402 - Inst Meth for Sec Teacher**  
Study of the basic content and general principles of instrumental music appropriate to the secondary school program; organization of materials, procedures and techniques of instruction.
# Graduate Course Descriptions

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<td>MUED 5432</td>
<td>Vocal Meth for Sec Teacher</td>
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<td>MUED 5842</td>
<td>Elem Music Meth-Inst</td>
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<tr>
<td>MUED 5852</td>
<td>Elem Music Meth-Vocal</td>
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<tr>
<td>MUED 5862</td>
<td>Inst Mus Meth-Sec</td>
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<td>MUED 5872</td>
<td>Vocal Mus Meth - Sec</td>
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<td>MUED 5900</td>
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<td>MUED 5990</td>
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<td>MUS 5000</td>
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<td>MUS 5112</td>
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<td>MUS 5142</td>
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<td>MUS 5202</td>
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<tr>
<td>MUS 5213</td>
<td>Music Theatre Directing I</td>
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</tbody>
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**MUED 5412 - Trends in Marching Band**
This course covers marching band fundamentals, various types of precision marching, pageantry, charting and show planning. Each student will be required to write an original seven minute halftime show.

**MUED 5432 - Vocal Meth for Sec Teacher**
Study of the basic content and general principles of vocal music appropriate to the secondary school program; organization of materials, procedures and techniques of instruction.

**MUED 5842 - Elem Music Meth-Inst**
Problems and methods of teaching instrumental music in the grades. For music majors only. Prerequisite(s): Admission to Teacher Education.

**MUED 5852 - Elem Music Meth-Vocal**
Problems and methods of teaching vocal music in the grades. For music majors only. Prerequisite(s): Admission to Teacher Education.

**MUED 5862 - Inst Mus Meth-Sec**
Problems and methods of teaching music in the junior and senior high school. For music majors/minors only.

**MUED 5872 - Vocal Mus Meth - Sec**
For music majors/minors only.

**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 5930 - Individual Study in Music Educ**
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 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 5000 - 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. No more than 2 hours of workshop may be counted on a master’s degree.

**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 5092 - Form And Analysis**
The analysis of the construction of works in the various musical forms, affording an intelligent basis for musical interpretation. Prerequisite(s): MUSIC 2594.

**MUS 5112 - Advanced Choral Conducting**
The study of conducting techniques as related to the unique styles of each musical period. Prerequisite(s): Permission of instructor.

**MUS 5132 - Music Of The Baroque Period**
A study of the Baroque period, its music literature, style and performance practices.

**MUS 5142 - Wind Inst Lit For Ensemble**
A study of the development of wind instrument literature from 1600 to the present.

**MUS 5152 - Instrumentation**
A survey of the four choirs of instruments and beginning orchestration. Prerequisite(s): 8 hours of harmony.

**MUS 5162 - Music Of The Classical Period**
A study of the Classical period, its music literature, style, and performance practices.

**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 postproduction. 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 5242 - Instrumental Music Pedagogy
This course is the study of basic contents and general principles of instrumental music pedagogy appropriate to the Master of Music Degree. The emphasis is placed primarily on instrumental performance problems and the related pedagogy of the major performance area of the student. This course is not required for education certification. Prerequisite(s): Bachelors Degree in some field of music.

MUS 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 5362 - Advanced Music Composition
Advanced music composition explores the creative process of writing acoustic and electroacoustic music. The computer is used to create music notation and multitrack compositions. The course may be taken more than once and can count for 2 hours of theory credit and up to 6 hours of elective credits in the master of music degree. Prerequisite(s): Eight hours of undergraduate harmony.

MUS 5502 - Adv Cond-Score Read
A thorough study of choral, band and orchestral scores and their interpretation.

MUS 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.

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 5602 - Woodwind Materials & Tech
A critical examination of significant publications for woodwinds with emphasis upon instructional aids and the organization of graded literature for each of the woodwind instruments.

MUS 5612 - Jazz Pedagogy
The course is designed to teach techniques of instruction in the area of jazz education and performance and large jazz ensembles at the college level. Prerequisite(s): MUSIC 3211, 3221 and 2341.

MUS 5622 - Strings, Materials & Tech
no description at this time.

MUS 5643 - German Singing Diction
German singing diction is designed to address the unique challenges presented to the American career singer, the choral conductor, the teacher of singing, and the coach/accompanist who is expected to perform, teach or conduct vocal literature in a professional setting. Prerequisite(s): Written permission of the instructor.

MUS 5723 - History of Performance
This course will survey the development of western music from medieval to modern times from the perspective of musical performance and its literature. Practical application of this knowledge will include a performance following historical performance practice. Prerequisite(s): MUS 2623, 2663, and 3273 with a minimum grade of “C”.

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 5242 - Instrumental Music Pedagogy
This course is the study of basic contents and general principles of instrumental music pedagogy appropriate to the Master of Music Degree. The emphasis is placed primarily on instrumental performance problems and the related pedagogy of the major performance area of the student. This course is not required for education certification. Prerequisite(s): Bachelors Degree in some field of music.

MUS 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 5362 - Advanced Music Composition
Advanced music composition explores the creative process of writing acoustic and electroacoustic music. The computer is used to create music notation and multitrack compositions. The course may be taken more than once and can count for 2 hours of theory credit and up to 6 hours of elective credits in the master of music degree. Prerequisite(s): Eight hours of undergraduate harmony.

MUS 5502 - Adv Cond-Score Read
A thorough study of choral, band and orchestral scores and their interpretation.

MUS 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.

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 5602 - Woodwind Materials & Tech
A critical examination of significant publications for woodwinds with emphasis upon instructional aids and the organization of graded literature for each of the woodwind instruments.

MUS 5612 - Jazz Pedagogy
The course is designed to teach techniques of instruction in the area of jazz education and performance and large jazz ensembles at the college level. Prerequisite(s): MUSIC 3211, 3221 and 2341.

MUS 5622 - Strings, Materials & Tech
no description at this time.

MUS 5643 - German Singing Diction
German singing diction is designed to address the unique challenges presented to the American career singer, the choral conductor, the teacher of singing, and the coach/accompanist who is expected to perform, teach or conduct vocal literature in a professional setting. Prerequisite(s): Written permission of the instructor.

MUS 5723 - History of Performance
This course will survey the development of western music from medieval to modern times from the perspective of musical performance and its literature. Practical application of this knowledge will include a performance following historical performance practice. Prerequisite(s): MUS 2623, 2663, and 3273 with a minimum grade of “C”.
**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 Survey**
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. Prerequisite(s): MUS 2623, 2663, 3273 with a minimum grade of "C".

**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. Supervised teaching and observation is included as well as research of current trends in piano teaching. Prerequisite(s): Four (4) semester hours of applied piano (MPER 3020, 4000).

**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 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.

**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 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 5000 - Workshop In Nutrition**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master’s degree.

**NTRN 5032 - Nutrition Education**
This course provides the application of learning theory and media in the design, development and delivery of nutrition education and counseling programs.

**NTRN 5102 - Newer Trends In Nutrition**
This course includes a thorough study of the newer trends and recent research in nutrition. Prerequisite(s): Permission of instructor.

**NTRN 5183 - Advanced Nutrition**
This course includes the advanced study of nutrition including digestion, absorption, and metabolism of all nutrients with an emphasis on the latest nutrition research. Prerequisite(s): NTRN 4034, CHEM 4103, BIO 2604.

**NTRN 5193 - Food Science**
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 - Mngmt 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.
### Graduate Course Descriptions

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<tr>
<td>NTRN 5322</td>
<td>Nutrition Assessment</td>
<td>This course includes the process used to assess nutritional needs of individuals or groups, and to plan a measurable nutrition intervention program appropriate for clients in various special health care settings. Prerequisite(s): Accepted into the Dietetic Internship and permission required by instructor. Enrollment is open to Nutrition and Food Management majors only.</td>
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<tr>
<td>NTRN 5333</td>
<td>Computers In Nutrition</td>
<td>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.</td>
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<tr>
<td>NTRN 5402</td>
<td>Nutritional Concerns Of Women</td>
<td>The course includes a study of scientific nutrition research on issues pertinent to women’s health in all age groups.</td>
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<tr>
<td>NTRN 5430</td>
<td>Nutrition Assessment</td>
<td>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.</td>
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<tr>
<td>NTRN 5460</td>
<td>Advanced Clinical Nutrition</td>
<td>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.</td>
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<td>NTRN 5513</td>
<td>Psychiatric Forensic Nursing</td>
<td>This course overviews psychiatric concepts important to forensic nursing. The focus will be on psychiatric conditions associated with criminal behavior including the psychosocial factors that motivate same. These psychiatric issues are then related to forensic concepts for the purpose of facilitating valid and reliable investigative procedures. Prerequisite(s): Graduate standing.</td>
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<tr>
<td>NTRN 5533</td>
<td>Child Abuse Forensics</td>
<td>The course is a comprehensive examination of all forms of child maltreatment and neglect, etiological factors, perpetrator profiles, short-term and long-term sequelae of abusive experiences, and treatment modalities. Prerequisite(s): Graduate standing.</td>
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<tr>
<td>NTRN 5543</td>
<td>Domestic Violence Forensics</td>
<td>This course is a comprehensive examination of all forms of domestic violence, characteristics of perpetrators, stalking, spouse abuse, elder abuse, homicide and the short-term and long-term sequelae of the assaults on victims. Law enforcement policies and treatment modalities will also be covered. Prerequisite(s): Graduate standing.</td>
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<tr>
<td>NTRN 5590</td>
<td>Practicum in Nursing</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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### NURSING (NURS) Department of Nursing

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<tr>
<td>NURS 5000</td>
<td>Workshop In Nursing</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
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<td>NURS 5033</td>
<td>Theo Found Nrsng Prac</td>
<td>Students are provided with the opportunity to relate a philosophical and theoretical base to concepts and operations inherent in nursing administration. Current nursing conceptual models and theories will be analyzed. selected 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.</td>
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<tr>
<td>NURS 5051</td>
<td>Advanced Pathophysiology</td>
<td>This course is the study of physiological mechanisms altered by disease in the human organism, and explores the rationale for diagnosis and therapeutic interventions in disease conditions. Prerequisite(s): BIO 2604.</td>
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<tr>
<td>NURS 5131</td>
<td>Psychiatric Forensic Nursing</td>
<td>This course overviews psychiatric concepts important to forensic nursing. The focus will be on psychiatric conditions associated with criminal behavior including the psychosocial factors that motivate same. These psychiatric issues are then related to forensic concepts for the purpose of facilitating valid and reliable investigative procedures. Prerequisite(s): Graduate standing.</td>
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<tr>
<td>NURS 5151</td>
<td>Child Abuse Forensics</td>
<td>The course is a comprehensive examination of all forms of child maltreatment and neglect, etiological factors, perpetrator profiles, short-term and long-term sequelae of abusive experiences, and treatment modalities. Prerequisite(s): Graduate standing.</td>
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<tr>
<td>NURS 5171</td>
<td>Domestic Violence Forensics</td>
<td>This course is a comprehensive examination of all forms of domestic violence, characteristics of perpetrators, stalking, spouse abuse, elder abuse, homicide and the short-term and long-term sequelae of the assaults on victims. Law enforcement policies and treatment modalities will also be covered. Prerequisite(s): Graduate standing.</td>
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<tr>
<td>NURS 5191</td>
<td>Practicum in Nursing</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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### Graduate Course Descriptions

**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 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 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 Occupational and Technology Education

**OCTE 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.

**OCTE 5082 - Career & Tech Student Orgs**  
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 5103 - Instr Strat Mrktg Ed**  
This course is designed to develop instructional strategies needed to teach business subjects, including lesson plans, unit plans, and evaluation techniques. Prerequisite(s): Permission required.

**OCTE 5172 - Org/Adm Hlth Occp**  
Basic principles, philosophy, and rationale underlying the organization and administration of health occupation education programs, with special attention directed toward the total planning, development, execution, and evaluation competencies involved.

**OCTE 5203 - Org Adm Market Educ**  
Intensive study related to organizing local marketing education programs. Special emphasis will be given to administrative techniques of organization and operation. Prerequisite(s): Permission required.

**OCTE 5213 - Hist/Phil Career Tech Ed**  
This course includes basic principles and philosophy 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/Mgt Of Octed**  
A study focusing on the principles of instructional facility planning and evaluation of laboratory organization including: OSHA, HAZCOM, ADA and other industry safety requirements; student safety mandates; equipment placement; tool and material storage, preventative maintenance, and inventory control. Areas including student disciplining and assignment to personnel systems, management of student records and maintaining documentation, management of individualized and competency based instruction, instructor responsibilities and liabilities within instructional environments are also stressed.

**OCTE 5303 - Overview of Occupational Educ**  
This course focuses on the successful operations of programs in occupational and technology education.

**OCTE 5323 - Meth Tchg Hlth Occup**  
This course will focus on the methods and techniques employed in delivering instruction in health occupations education.

**OCTE 5342 - Consltg Skl Trng/Dev**  
Examines the internal and external consulting roles of the training and development professional. Topics include an overview of the consulting process, conducting contracting meetings, understanding and dealing with resistance, gathering data, and conducting feedback meetings. Responding to requests for proposals, writing proposals, developing budgets, and determining the cost benefits of training will also be examined.

**OCTE 5352 - Accom Spcl Needs Stu**  
This course will provide the participant with an explanation of the occupational instructor’s roles and responsibilities in special education students’ Individualized Education Programs (IEP). In addition, a discussion of the “how-to” for accommodating instruction, media, materials, equipment, work stations and facilities will be provided. Finally, securing work-site learning opportunities and job placement strategies will be discussed. Prerequisite(s): 4253 Safety Concerns and Management of Trade and Industrial Programs.

**OCTE 5513 - Integration of Technology**  
This course gives prospective business instructors practical, integrated learning experiences necessary for success in state-of-the-art vocational business classrooms. The organization and delivery of instruction in this course adheres to a model developed by the Oklahoma Department of Career and Technology Education. The course content will focus on high performance business skills and effective applications of current technology tools. Prerequisite(s): An applications class covering computer theory, computer applications and computer hardware.
Graduate Course Descriptions

OCTE 5531 - Occup Training Analysis
This course focuses on the process of analyzing workplace requirements and identifying the knowledge, skills, and attitudes necessary for new and existing duties within occupations.

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 - Intgr & Trans Opprt
This course is designed to assist occupational and technical educators to integrate academics and to implement education-to-employment activities into their programs. It explains legislation, outlines employers’ entry-level worker goals, reviews education-to-employment experiences at various grade levels, and offers strategies for integrating more academics into vocational programs. Prerequisite(s): Introduction to Trade and Industrial Education.

OCTE 5631 - Legal/Prof Iss In Oc Ed
This course provides and examination of legal and professional issues facing contemporary occupational educators. In particular, the course will consist of pertinent information relating to four major areas: teaching contracts and teacher responsibilities, teacher and student rights, classroom management issues, and teacher professionalism.

OCTE 5651 - Legal/Prof Iss In Oc Ed
This course provides an examination of legal and professional issues facing contemporary occupational educators. In particular, the course will consist of pertinent information relating to four major areas: teaching contracts and teacher responsibilities, teacher and student rights, classroom management issues, and teacher professionalism.

PHED 5000 - Workshop In Physical Education
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

PHED 5102 - Problems Of H&PE
Individual investigation of research methods and special problems in health and physical education.

PHED 5122 - Prog Dsgn/Dvlpmt HPE
An analytical study of aims, objectives, program activities methods and outcomes in the programs in health and physical education, within and outside the school setting.

PHED 5123 - Curr Const H&PE
An analytical study of aims, objectives, program activities methods and outcomes in the teaching of health and physical education.

PHED 5153 - PE Facilities/Equipment
A course emphasizing the functional planning of physical education facilities and equipment for outdoor and indoor areas, stadium, gymnasium, swimming pool and other.

PHED 5202 - H&PE For Elem Tchr
Study of the basic content and general principles of health and physical education appropriate to the elementary school program; organization of materials, procedures and techniques of instruction. Prerequisite(s): PHED 3302 or its equivalent.

PHED 5212 - H&PE For Sec Tchr
Study of the basic content and general principles of health and physical education appropriate to the secondary school program; organization of materials, procedures and techniques of instruction. Prerequisite(s): PHED 4303.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PHED 5222</td>
<td>Phyed In Higher Educ</td>
<td>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.</td>
</tr>
<tr>
<td>PHED 5233</td>
<td>Contemp Issues PE and Sport</td>
<td>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.</td>
</tr>
<tr>
<td>PHED 5252</td>
<td>Legal Aspects Pe Rec And Ath</td>
<td>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.</td>
</tr>
<tr>
<td>PHED 5272</td>
<td>Motor &amp; Body Image</td>
<td>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 it 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.</td>
</tr>
<tr>
<td>PHED 5303</td>
<td>Phys Base Hum Perfor</td>
<td>A study of the physiological effects of physical exercise. Prerequisite(s): PHED 3503.</td>
</tr>
<tr>
<td>PHED 5313</td>
<td>Applied Sports Psychology</td>
<td>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.</td>
</tr>
<tr>
<td>PHED 5363</td>
<td>Psych Base Hum Perfo</td>
<td>A study of the principles of learning as applied in the teaching of physical education.</td>
</tr>
<tr>
<td>PHED 5393</td>
<td>Research in HE &amp; PE</td>
<td>A presentation of the techniques for identifying research problems, conducting research, and reporting research in the areas of health and physical education.</td>
</tr>
<tr>
<td>PHED 5602</td>
<td>PE&amp;Rec Except Child</td>
<td>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.</td>
</tr>
<tr>
<td>PHED 5632</td>
<td>Hist &amp; Phil H&amp;PE</td>
<td>A study of the historical and philosophical bases of health and physical education.</td>
</tr>
<tr>
<td>PHED 5672</td>
<td>Public Rel In H&amp;pe</td>
<td>Principles and practices involved in the presentation of health and physical education to the public.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PHED 5900</td>
<td>Practicum</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>PHED 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit varies from 1 to 4 hours. Directed intensive study on selected problems or special topics.</td>
</tr>
<tr>
<td>PHED 5930</td>
<td>Ind Study</td>
<td>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.</td>
</tr>
<tr>
<td>PHED 5950</td>
<td>Internship</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>PHED 5960</td>
<td>Institute</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>PHED 5970</td>
<td>Study Tour</td>
<td>Credit will vary. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>PHED 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
</tbody>
</table>

### PHILOSOPHY (PHIL)
Department of Humanities & Philosophy

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PHIL 5000</td>
<td>Workshop In Philosophy</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>PHIL 5163</td>
<td>Philosophy Of Science</td>
<td>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.</td>
</tr>
<tr>
<td>PHIL 5183</td>
<td>Phil Issues In Social Science</td>
<td>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.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

PHIL 5503 - Symbolic Logic
The course will begin with the logic of syntax, followed by an analysis of truth-functional compound statements and truth tables. A variety of proof procedures applicable to deductive arguments will be investigated and used, including formal and indirect proofs. Propositional functions and the use of quantifiers, the logic of relations, and finally, a study of the nature of deductive systems will complete the course.

PHIL 5900 - Practicum In Philosophy
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

PHIL 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

PHIL 5930 - Individual Study In Philosophy
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

PHIL 5950 - Internship In Philosophy
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

PHIL 5960 - Institute In Philosophy
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

PHIL 5970 - Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

PHIL 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

PHYSICS (PHY)
Department of Physics and Engineering

PHY 5000 - Workshop In Physics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

PHY 5013 - Mathematical Physics II
A continuation of PHY 3094, this course discusses in more depth the mathematical preparation required for solutions to boundary value problems found in electrostatistics, mechanics, heat transfer, quantum mechanics, and acoustics. he mathematical topics may include curvilinear coordinates, Fourier analysis, Fourier transforms, partial differential equations, Green’s functions, tensor analysis and group theory. Prerequisite(s): PHY 3094.

PHY 5033 - Nuclear Physics
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 3104 and PHY 3884.

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 3104 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 3063.

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 3104 or concurrent enrollment.

PHY 5083 - Electromagnetic Radiation
This course presents a introduction to Maxwell’s equations and their application to time-varying electromagnetic field, electromagnetic waves, radiation, antenna theory, diffraction, and the theory of light. Prerequisite(s): PHY 3183.

PHY 5103 - Classical Mechanics
Lagrangian and Hamiltonian methods will be introduced and applied, as appropriate, to a variety of mechanical systems. opics will include vibration theory, elasticity, fluid mechanics, and acoustics. Prerequisite(s): PHY 4163.

PHY 5143 - Kin Theo & Stat Mech
The kinetic theory of gases, including transport phenomena, and an introduction to classical and quantum statistical mechanics are presented. Prerequisite(s): PHY 4123 and PHY 3884.

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): PHY 4183 and PHY 4003.
**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 3104, 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 5930 - Individual Study In Physics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**PHY 5950 - Internship In Physics**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**POLITICAL SCIENCE (POL)**
Department of Political Science

**POL 5000 - Workshop In Political Science**
Credit will vary from 1 to 4 hours. Subject matter will vary within department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master’s degree.

**POL 5013 - Urban HistoryInst & Enviro**
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 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 Gov**
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.

**POL 5173 - Land Use Planning**
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 & Muni Budget**
An analysis of municipal revenue sources and expenditures, including the planning, approval, and implementation of municipal budgets.

**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.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>POL 5223</td>
<td>The Presidency</td>
<td>The presidency in law and practice; its relationship to Congress, the public, the party structure and the administrative establishment; and its responsibilities in foreign and military affairs. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5233</td>
<td>Political Parties/Behavior</td>
<td>Structure and function of the American political party system with emphasis upon the role of parties in American politics, noting the political behavior patterns of American voters. Evaluation of recent political behavior research. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5243</td>
<td>Media And Politics</td>
<td>Discussion of the role of the media in politics, including how the media covers American institutions, and the impact of the media on campaigns. Our campaign coverage will examine the role of television advertising, campaign coverage, and public opinion polls. This course also examines the political and social messages of several &quot;entertainment&quot; media, such as television and films, as well as the dynamics behind these messages.</td>
</tr>
<tr>
<td>POL 5253</td>
<td>The Congress</td>
<td>This course is designed to introduce the student to the first branch of government. It will evaluate Congress, its functions, relationships, members, and organization in order to determine whether it achieves the purpose for which it was created. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5263</td>
<td>Judicial Process</td>
<td>This course examines the organization, jurisdiction, and functions of both federal and state courts, as well as, explores theories of judicial behavior and judicial policy making.</td>
</tr>
<tr>
<td>POL 5273</td>
<td>International Pol Risk Analy</td>
<td>An analysis of techniques useful in forecasting regime changes, nationalization, controls on profit reparation, and other political risks faced by companies operating in foreign countries.</td>
</tr>
<tr>
<td>POL 5283</td>
<td>Public Opinion</td>
<td>A study of public opinion and the techniques of mass media and propaganda in a democratic society, including its measurement and evaluation with particular reference to the role of interest groups. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5313</td>
<td>Religion And The Law</td>
<td>This course examines the relationship between law and religion in the United States by focusing on the Supreme Court’s interpretation of the First Amendment’s Establishment and Free Exercise Clauses.</td>
</tr>
<tr>
<td>POL 5323</td>
<td>Constitution &amp; Crim Procedure</td>
<td>This course covers the constitutional boundaries, established by the Supreme Court, for gathering evidence at a crime scene, questioning witnesses/suspects, arresting suspects, and seizing evidence as well as the constitutional rights of the accused at trial.</td>
</tr>
<tr>
<td>POL 5333</td>
<td>Constitution &amp; Civil Liberties</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5403</td>
<td>Women and Politics</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5413</td>
<td>Public Policy Analysis</td>
<td>Public Policy Analysis is designed to equip students to become independently capable policy analysts. The methods and procedures of policy analysis are learned and practiced, and examples of analysis of policies on the local, state, and national levels are studied.</td>
</tr>
<tr>
<td>POL 5433</td>
<td>Urban Minority Politics</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5443</td>
<td>Environment Politics</td>
<td>This course will examine the politics of the environment by looking at the actions or inactions of the government in the areas of resource scarcity, environmental health and safety, natural esthetics, and economic groups. This class will also look at environmental politics as just one of many social movements in the United States. As such, this class will examine how interest groups supporting the environmental movement have developed in recent decades and how they seek to protect their interests.</td>
</tr>
<tr>
<td>POL 5523</td>
<td>Urban Housing Policy</td>
<td>A study of the various factors which affect national and local housing issues, with discussion of housing problems in the urban environment.</td>
</tr>
<tr>
<td>POL 5533</td>
<td>Development Dispute Resolution</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5543</td>
<td>State Administration</td>
<td>A study of the administrative institutions, policy making processes, and political environment of state government, emphasizing both theory and practice. Prerequisite(s): POL 1203, 2413.</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>POL 5603</td>
<td>Theories-International Relations</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5613</td>
<td>World Politics</td>
<td>An analysis of the political interactions among nation-states, multinational corporations, and international organizations; and the pattern of relationships that result. Focuses particularly on war-peace issues and the politics of international economic and social relations. Prerequisite(s): POL 2303.</td>
</tr>
<tr>
<td>POL 5623</td>
<td>American Foreign Policy</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5633</td>
<td>International Law</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5643</td>
<td>International Security Studies</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5653</td>
<td>International Organization</td>
<td>A study of the development and evolution of international organizations, and their role in international politics. Specific attention will be given to the United Nations system of international organizations, and other international entities such as the European Community, the Organization of American States, the World Bank, and NATO.</td>
</tr>
<tr>
<td>POL 5663</td>
<td>Politics And The World Economy</td>
<td>An analysis of the political dimension of economic relationships among international actors (including nation-states, multinational corporation, and international organizations). Emphasizes the politics of foreign investment, trade, and international finance from the differing perspectives of industrialized and developing countries.</td>
</tr>
<tr>
<td>POL 5673</td>
<td>Economic Statecraft</td>
<td>A study of the economic instruments and tactics available to nation-states to pursue their national interests. Specific attention will be given to examining the nature of foreign economic policy making with the U.S. and also the debate surrounding the underlying philosophy of trade between such schools of thought as: Free Trade, Trading Blocks, Managed Trade and Protectionism.</td>
</tr>
<tr>
<td>POL 5693</td>
<td>Contemporary International Issues</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5703</td>
<td>Theories-Comparative Politics</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5713</td>
<td>African Political Systems</td>
<td>A survey of the dynamics of Sub-Saharan African political systems. Among the topics covered will be: the legacies of colonial influences, ethnicity, African political thought, political parties and liberation movements, comparisons of various democratic, semi-democratic and authoritarian systems, and the influence of outside powers today.</td>
</tr>
<tr>
<td>POL 5723</td>
<td>Political Systems Of Asia</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5733</td>
<td>Latin American Politics</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5743</td>
<td>European Politics</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5753</td>
<td>Politics Of Mexico</td>
<td>The course will examine Mexico’s unique political environment and political traditions, and how these manifest themselves in Mexico’s contemporary government, party politics, constitutional debate, and processes of political/social/economic change.</td>
</tr>
<tr>
<td>POL 5763</td>
<td>Politics Of Japan</td>
<td>This course will examine the politics and government of Japan, incorporating a historical and cultural perspective. The main objective is to communicate a clean understanding of the Japanese political system and its decision-making processes.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

POL 5773 - Politics Of Revolution
This course will examine the theoretical parameters of violent political change by studying the basic characteristics of major world revolutions. Specific focus will be given to recent revolutions in Latin America. The impact and duration of revolutionary change, and the methods of measuring related structural changes will also be studied.

POL 5813 - Political Philosophy
A focused examination of one of the major themes of political philosophy such as freedom, justice, democracy, or political economy, which applies a number of analytical methods to the selected them.

POL 5823 - Religion And Politics
This course examines the relationship between religion and politics in the United States, and in selected other countries, by focusing on the participation of religious organizations in the political process and the influence of religion upon leaders of governments and political movements.

POL 5833 - Survey Of American Pol Thought
A survey of main currents in American political thought from puritanism to the present. Prerequisite(s): POL 1113.

POL 5843 - Ancient & Medieval Pol Thought
The development of political theories from Plato to Rousseau. Prerequisite(s): POL 1113.

POL 5853 - Modern Political Thought
An analysis of the development of political philosophy form 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 - Individual Study In Government
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PSY 5000 - Workshop In Psychology
A narrative brain designed to function in a social environment. 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 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.

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 5081 - Thesis
This course meets the writing requirement that is part of the department’s Master’s program. The topic of the Thesis Paper is chosen in consultation with a faculty advisor and should reflect an important issue within the discipline.

PSY 5143 - Adv Devel Psych
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 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.
Graduate Course Descriptions

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 - Psychodiagnostic Survey
This is a survey course that includes an examination of current methodologies for the assessment of personality functioning, ranging from structured interview to objective and projective techniques. Prerequisite(s): PSY 5793 or 5803, and written permission required.

PSY 5263 - Leg & Eth Asp Counsl
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 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 - Psychology As 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 - Mult Analy In Psych
Multiple regression, multivariate analysis of variance and covariance, discriminant analysis, factor analysis, log linear analysis, cluster analysis (including quick cluster), and multidimensional scaling are seven multivariate analysis procedures that are examined with focus on when and why each is used, familiarization of SPSS computer output for each technique and the examination of published research articles containing application of these techniques. Prerequisite(s): PSY 4383 or concurrent enrollment and written permission of instructor.

PSY 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): 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): Written permission of instructor.
PSY 5633 - Modern Learning Theories  
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 from psychology chair 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 from psychology chair required.

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 - Intro School Psy Ser  
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 5803 - Ind Test Tech-Wechler  
This course is a study of the rationale and administration of the Wechsler tests. Emphasis is placed on the administration and diagnostic uses of both adult and children scales. Prerequisite(s): Admission to the program and written permission of instructor.

PSY 5813 - Diagnostic Testing Techniques  
This course is a survey of diagnostic techniques which deal with sensory motor skills, language development, and social and emotional development. Emphasis is placed on the rationale and functions of such instruments which would help specialists in reading, counseling, and psychometry to evaluate those aspects of behavior not currently assessed by traditional testing procedures. Prerequisite(s): PSY 5793 or 5803 and written permission of instructor.

PSY 5893 - Capstone 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): PSY 5803, 5813 and 5900 with a minimum grade of “B”. Enrollment open to School Psychology majors only with 19 or more graduate hours.

PSY 5900 - Practicum In Psychology  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): PSY 5483 or 5813 and written permission of instructor.

PSY 5910 - Seminar / Special Topics  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Written permission of instructor.

PSY 5930 - Individual Study In Psychology  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

PSY 5950 - Internship In Psychology  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

PSY 5960 - Institute In Psychology  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

PSY 5970 - Study Tour  
Credit will vary. 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 Professional Teacher Education

PTE 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.

PTE 5013 - Found Of Educ 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.
Graduate Course Descriptions

PTE 5112 - Modern Philosophies of Educ
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.

PTE 5153 - Adv Dev Psy In Educ Setting
This course provides an advanced level review of human development across the life span and of developmental changes from the prenatal phase to late adulthood. Special emphasis is provided for examination and application of developmental theories and research relevant to professionals working in educational settings.

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 - Adv Educational Psy
This course is a study of the principles of learning and factors that affect learning motivation. Various theoretical perspectives and research findings regarding human development, learning, and motivation are examined as these influence educational decisions and practices.

PTE 5222 - Contemporary Class Issues
This course has four major components. Classroom management, urban education, wellness, and legal and professional practices will be addressed. The course also examines the historical and philosophical foundations of classroom management and legal issues and their impact on secondary education. It is required of all students in the FAST TRACK Teacher Preparation Program. Prerequisite(s): Eligibility for the FAST TRACK Teacher Preparation Program. Enrollment open to General Education majors only.

PTE 5283 - Fund Of Curr Dev - Sec 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 Tch In Sec School
This course provides a critical study of the major problems of instruction common to secondary schools.

PTE 5333 - Meeting Students’ Needs
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 5383 - Prin 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 - Tech for Secondary Teachers
This course focuses on the utilization of current technology for classroom instruction, student assessment, and professional development. The course also examines the social, ethical, legal, human and equity issues surrounding the use of technology in the secondary classroom. The course is required in the FAST TRACK Teacher Education Program. Prerequisite(s): Eligibility for the FAST TRACK Teacher Preparation Program. Enrollment open to General Education majors only.

PTE 5522 - Designing Instruction
This course prepares students to design and teach effective lessons to facilitate student learning 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. Students will learn to utilize the Oklahoma Priority Academic Student Skills in lesson planning and delivery. It is required of all students in the FAST TRACK Teacher Preparation Program. Prerequisite(s): Eligibility for the FAST TRACK Teacher Preparation Program. Enrollment open to General Education majors only.
### Graduate Course Descriptions

#### PTE 5533 - Managing 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. Field Applications in secondary urban schools allow students to apply course concepts in actual classrooms. It is required of all students in the FAST TRACK Teacher Preparation Program. Prerequisite(s): Eligibility for the FAST TRACK Teacher Preparation Program. Enrollment is open to General 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. It is required of all students in the FAST TRACK Teacher Preparation Program. Prerequisite(s): Eligibility for the FAST TRACK Teacher Preparation Program. Enrollment open to General Education majors only.

#### PTE 5693 - Curr Develop for Elem 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 Psych 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 - Adv Psy 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 5892 - 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.

#### 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 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

#### PTE 5950 - Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

#### PTE 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

#### PTE 5970 - Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

#### PTE 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

#### READING (READ)

#### Department of Special Services

#### READ 5000 - Workshop In Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, film, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

#### READ 5023 - Dev/Corr Clssrm Rdg Exp
This course provides classroom experience for teachers meeting the needs of readers in developmental/corrective groups. Special attention will be given to the task of identifying, within the classroom, reading levels/problems.

#### READ 5443 - Assess/Dyslexia &Rdg Disorders
An in-depth study of various instruments which assess language processing/development, modality adequacy, and reading skills with suggested materials/techniques appropriate for work in those areas. Additional study will be directed to interpreting WISC-R profiles and relating them to the reading process. Prerequisite(s): READ 5843 with a minimum grade of “B”.

Graduate Course Descriptions

READ 5613 - Sec/Adult Disable Re
This course is designed for the teacher desiring experience in testing and teaching the disabled secondary/adult learner. The course will be conducted for two hours, plus an hour arranged. The first two hours will be devoted to the clinical aspects of the course. Each clinical student will be assigned a disabled reader in a practicum for the purpose of remedial assistance. One hour will be devoted to consultations between the supervising professor and the class members. The main focus of concern is threefold: 1) explanation of diagnostic administration and interpretation 2) outlining measures of implementation for a prescriptive program and 3) understanding the psychological, social and intellectual needs of the secondary/adult disabled reader.

READ 5623 - Foundations & Survey Reading
An introductory course giving an overview of current practices in teaching reading, remedial and developmental reading techniques and a review of recent research in reading.

READ 5663 - Theoretical Basis Of Reading
The theoretical basis of reading includes the cognitive impact on how one learns to read using the psychological, physiological and cognitive model.

READ 5712 - Org & Superv Reading Programs
Policies and techniques of planning, implementing and supervising of reading centers and programs in schools and school systems.

READ 5833 - Diagnosis/Intervention in Rdng
Students learn to identify children with reading difficulties and develop strategies for remediation. Methods of teaching reading and implementation are the primary focus of this class. The children, who are instrumental in this practicum experience, exhibit exceptionalities, individual differences, and cultural and linguistic diversity.

READ 5843 - Diag & Correction Rdg Disab
An overview of the principles and procedures for diagnosing and correcting reading disabilities. Under the supervision of a reading clinician, students will work with reading disability cases in the reading clinic.

READ 5853L - Clin Prac In Rdg Lab
Lab for READ 5853. Summer sessions only.

READ 5854 - Clinical Practices In Reading
A practicum in the reading clinic with enrollees working with disabled readers.

READ 5900 - Practicum In Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

READ 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

READ 5930 - Individual Study In Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

READ 5950 - Internship In Reading
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

READ 5960 - Institute In Reading
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

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 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/Criminal Justice/Substance Abuse Studies

SAS 5000 - Workshop
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
**Graduate Course Descriptions**

**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 - Subs Abuse In Special Pop**
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 5333 - Adv Cnsl Skills/Subs 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/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/Educ In Subs 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 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 5930 - Ind 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 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.

**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 Occupational and Technology Education**

**SFTY 5000 - Workshop In Safety Education**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**SFTY 5013 - Alcohol And Drug Education**
This course is designed to explore the magnitude of the use of alcohol and drugs in our society. The individual is encouraged to explore the areas before making a decision concerning the use or nonuse of these substances.

**SFTY 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. Oxic materials, radiation, heat and noise stresses, and other concerns of the industrial hygiene discipline will be considered.

**SFTY 5142 - Respiratory Protection**
A study of the anatomy and physiology of the respiratory system. Data will be presented as they relate to specific regulatory standards and management of a respiratory program. Prerequisite(s): SFTY 5152

**SFTY 5152 - Personal Protective Equipment**
A study of the selection, use, care and maintenance of various types of personal protective equipment commonly used in industry, and an overview of the anatomy and physiology of the body organs that each type of equipment is designed to protect.
SFTY 5163 - Environmental Safety
A study of the characteristics of regulated hazardous wastes, the principles of hazardous waste management, and the OSHA regulations pertaining to the protection of workers in hazardous waste operations. Prerequisite(s): SFTY 2503.

SFTY 5173 - Fire Preven, Protec
This course is designed to prepare the safety professional/other safety personnel for industry. Among the areas included are: factors contributing to industrial fires, the chemistry of fires, the classification of fires, special systems and agents, identification of hazardous materials, and fire prevention activities.

SFTY 5203 - Prin, Hist, & Phil Of SaEd
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 - Chem/Tox Haz Mat/Was
A study of the major categories of hazardous chemicals, their chemical and physical properties, and their toxicological effects on the human body. Prerequisite(s): SFTY 2502.

SFTY 5222 - Industrial Fire Systems
This course is designed to prepare the safety professional and other safety personnel for industry. Areas include fire detection systems, extinguishing systems and fire safety systems. Prerequisite(s): SFTY 2343.

SFTY 5232 - Life Safety Code
Life safety codes are critically examined within the scope of pertinent standards and codes to assure safety from fire and its effects. All classifications of occupancies will be defined in the course.

SFTY 5243 - Industrial Noise Control
This course will provide an overview of the fundamentals of sound and sound measurements, audiogram interpretation, noise effects, noise legislation, effective hearing conservation, noise control management, and design for abatement. Attention is given to the prevention of hearing loss through engineering control and hearing conservation programs. Students will have the opportunity to analyze their own audiograms courtesy of a local safety consultant firm.

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 - Drivr & Trafc Sfty II
Special attention is given to administrative policies and practices, and selection, organization, and program evaluation. A study on qualification and certification standards for teachers of high school driver education, community resources, instruction strategy, evaluation of instructional materials and equipment. Laboratory practices will include experience in programming, Prerequisite(s): SFTY 3203.

SFTY 5323 - Underground Storage Tank Mgmt
This course will present information about the safety concerns associated with, and environmental hazards common to aboveground and underground petroleum storage tanks. The course will consist of lectures, guest speakers from regulatory and consulting arenas, and field trips. Particular attention will be paid to regulator requirements, environmental impacts, and remediation technologies for cleanup of spills emanating from leaking tanks.

SFTY 5333 - Storm Water Management
This course addresses the applicable laws, rules, and regulations that pertain to the control, management, identification, and analysis of storm water and its associated environmental problems. Included is a review of the Clean Water Act, EPA’s proposed and final rules, the Federal Register and the Code of Federal Regulations.

SFTY 5402 - Supervision Of Transportation
A study of transportation as it relates to industrial concerns, including hazardous materials, driver selection, accidents, and other safety areas.

SFTY 5412 - Hazard Communication
Upon completion of this course, the student will be familiar with the principles of hazard and risk communication, the principles of design and delivery of hazard training programs, and the elements of an acceptable hazard communication program.

SFTY 5423 - Applied Ergonomics
This course explores methodologies and considerations involved with establishing an applied ergonomics program within industry included are methods for assessing ergonomic problems and needs, record keeping, work task analysis, investigation techniques, and corrective actions for reducing and/or eliminating ergonomic risk factors. Prerequisite(s): SFTY 3333.

SFTY 5433 - Occupational Risk Management
This course will prepare the prospective safety manager to plan, coordinate and control activities in the work place. Other physical risk and legal risk will be studied. Prerequisite(s): SFTY 3073.

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.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFTY 5463</td>
<td>Industrial Ventilation</td>
<td>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.</td>
</tr>
<tr>
<td>SFTY 5502</td>
<td>Traffic Engineering</td>
<td>This course is designed to orient the driver and safety educator to the basic characteristics and operations of the traffic engineering Department; devices and techniques, signals, parking restrictions, coordination of traffic lights, channelization, redesign of intersections, utilization of reversible lanes or unbalanced flow, pedestrian controls and the use of signs and pavement markings.</td>
</tr>
<tr>
<td>SFTY 5522</td>
<td>Industrial Process Safety</td>
<td>An examination of industrial processes, detailing health and safety considerations. Included are processes involving industrial coating, welding, robotics, lasers, conveyors, machine tooling, injection molding, forging and stamping. Prerequisite(s): SFTY 3073.</td>
</tr>
<tr>
<td>SFTY 5900</td>
<td>Practicum In Safety Education</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SFTY 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SFTY 5930</td>
<td>Ind Study</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SFTY 5950</td>
<td>Internship In Safety Education</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>SFTY 5960</td>
<td>Institute In Safety</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SFTY 5970</td>
<td>Study Tour</td>
<td>Credit will vary. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SFTY 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SLTP 5000</td>
<td>Workshop</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>SLTP 5013</td>
<td>Founds Speech-Lang Path</td>
<td>This course presents a survey of the principles, concepts and terminology fundamental to the professions of speech-language pathology and audiology.</td>
</tr>
<tr>
<td>SLTP 5023</td>
<td>Fluency Disorders</td>
<td>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. Precedures for the evaluation of speech fluency, diagnosis, and treatment for different age groups are examined. Prerequisite(s): SLP 4713.</td>
</tr>
<tr>
<td>SLTP 5112</td>
<td>Speech And Hearing Science</td>
<td>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.</td>
</tr>
<tr>
<td>SLTP 5232</td>
<td>Communication Dis Infant/Tddlr</td>
<td>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.</td>
</tr>
<tr>
<td>SLTP 5243</td>
<td>Diag Meths Speech-Lang Path</td>
<td>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.</td>
</tr>
<tr>
<td>SLTP 5252</td>
<td>Adv Normal Language Develop</td>
<td>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.</td>
</tr>
</tbody>
</table>

**SPEECH/LANGUAGE PATHOLOGY (SLP)**

- **Department of Special Services**

**SLP 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.

**SLP 5013 - Founds Speech-Lang Path**
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. Precedures 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 Dis Infant/Tddlr**
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 - Diag Meths Speech-Lang Path**
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 - Adv Normal Language Develop**
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.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLP 5262</td>
<td>Advanced Language Disorders</td>
<td>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.</td>
<td>Written permission required.</td>
</tr>
<tr>
<td>SLP 5282</td>
<td>Adv Articulation Disorders</td>
<td>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.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5292</td>
<td>Aphasia II</td>
<td>This course provides a detailed study of the procedures for evaluation and treatment of neurogenic communication disorders in adults including the aphasics, dementias, traumatic brain injury, and right- hemisphere syndrom.</td>
<td>SLP 5363, permission required.</td>
</tr>
<tr>
<td>SLP 5302</td>
<td>Augmentative Communication</td>
<td>This course examines the selection, development, and use of augmentative alternative systems of communication with severely communicatively handicapped individuals.</td>
<td>Written permission required.</td>
</tr>
<tr>
<td>SLP 5314</td>
<td>Language Disorders</td>
<td>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.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5323</td>
<td>Voice Disorders</td>
<td>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 laryngectome.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5332</td>
<td>Legal Aspects Speech-Lang Path</td>
<td>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.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5343</td>
<td>Dysphagia</td>
<td>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.</td>
<td>Written permission required.</td>
</tr>
<tr>
<td>SLP 5352</td>
<td>Cleft Palate</td>
<td>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.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5363</td>
<td>Aphasia I</td>
<td>This course 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.</td>
<td>Permission required.</td>
</tr>
<tr>
<td>SLP 5713</td>
<td>Clin Meth Spch-Lang</td>
<td>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.</td>
<td>SLP 4054, 4673.</td>
</tr>
<tr>
<td>SLP 5900</td>
<td>Practicum</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
<td></td>
</tr>
<tr>
<td>SLP 5910</td>
<td>Seminar / Special Topics</td>
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<td></td>
</tr>
<tr>
<td>SLP 5970</td>
<td>Study Tour</td>
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<td></td>
</tr>
<tr>
<td>SLP 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
<td></td>
</tr>
</tbody>
</table>
### Graduate Course Descriptions

**SOCIOLOGY (SOC)**  
Department of Sociology/Criminal Justice/Substance Abuse Studies

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 5000</td>
<td>Workshop In Sociology</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>SOC 5043</td>
<td>Sociological Statistics</td>
<td>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.</td>
</tr>
<tr>
<td>SOC 5053</td>
<td>Sociology Of Aging</td>
<td>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.</td>
</tr>
<tr>
<td>SOC 5103</td>
<td>Urban And Rural Communities</td>
<td>Principles of community organization, the general attributes of communities, the special features of folk and modern city societies developed in contrast. Prerequisite(s): 9 hours of sociology.</td>
</tr>
<tr>
<td>SOC 5233</td>
<td>Human Behavior/Social Environ</td>
<td>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 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.</td>
</tr>
<tr>
<td>SOC 5243</td>
<td>Social Deviance</td>
<td>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.</td>
</tr>
<tr>
<td>SOC 5403</td>
<td>Social Ecology And Demography</td>
<td>An analysis of population movements and their effects on ecological and demographic factors in the society.</td>
</tr>
<tr>
<td>SOC 5443</td>
<td>Social Stratification</td>
<td>Theories of class and caste; wealth, status, and power; the American class system. Prerequisite(s): 9 hours of sociology.</td>
</tr>
<tr>
<td>SOC 5463</td>
<td>The Abused</td>
<td>This course is designed to equip students preparing for work in the helping professions to identify symptoms of abuse, and other forms of trauma, and to design and carry out treatment plans specifically developed to ameliorate resultant mal-adaptive 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.</td>
</tr>
<tr>
<td>SOC 5513</td>
<td>Contemporary Social Movements</td>
<td>A critical consideration of social problems, causes of social maladjustments, a consideration of means for the amelioration of social ills.</td>
</tr>
<tr>
<td>SOC 5533</td>
<td>Soc Of Childhood/Adolescence</td>
<td>A study of the group phases of childhood, child welfare, and the sociological analysis of child and adolescence.</td>
</tr>
<tr>
<td>SOC 5563</td>
<td>Social Welfare Theory</td>
<td>Theory, structure and techniques of private, municipal, state, and federal welfare agencies.</td>
</tr>
<tr>
<td>SOC 5593</td>
<td>Sociological Theory</td>
<td>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.</td>
</tr>
<tr>
<td>SOC 5773</td>
<td>Sociological Research</td>
<td>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.</td>
</tr>
<tr>
<td>SOC 5900</td>
<td>Practicum In Sociology</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
<tr>
<td>SOC 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
</tbody>
</table>
# Graduate Course Descriptions

<table>
<thead>
<tr>
<th>SOC 5930 - Individual Study In Sociology</th>
<th>SPAN 5403 - Cont Spanish American Drama</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOC 5950 - Internship In Sociology</th>
<th>SPAN 5900 - Practicum In Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
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<table>
<thead>
<tr>
<th>SOC 5960 - Institute In Sociology</th>
<th>SPAN 5910 - Seminar / Special Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOC 5970 - Study Tour In Sociology</th>
<th>SPAN 5930 - Individual Study In Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit will vary. Subject matter will vary within the department’s field of study.</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. May be repeated for credit up to 4 hours.</td>
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<thead>
<tr>
<th>SOC 5990 - Thesis In Sociology</th>
<th>SPAN 5950 - Internship In Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
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<tr>
<th>SOCIAL STUDIES (SOST)</th>
<th>SPAN 5960 - Institute In Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of History &amp; Geography</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.</td>
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<tr>
<th>SOST 5910 - Seminar / Special Topics</th>
<th>SPAN 5970 - Study Tour</th>
</tr>
</thead>
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<tr>
<th>SPANISH (SPAN)</th>
<th>SPAN 5990 - Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Modern Languages, Literature &amp; Cultural Studies</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>SPAN 5000 - Workshop In Spanish</th>
<th>SPECIAL EDUCATION (SPED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
<td>Department of Special Services</td>
</tr>
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<table>
<thead>
<tr>
<th>SPAN 5203 - Rdgs In Span Culture And Civ</th>
<th>SPED 5000 - Workshop In Special Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite(s): Eighteen hours of Spanish.</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
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<tr>
<th>SPAN 5223 - Advanced Spanish Grammar</th>
<th>SPED 5102 - Lang Devel Spec Educ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite(s): Eighteen hours of Spanish.</td>
<td>This course will explore language acquisition, language development and components, communication progression, and recognition of non-symbolic communication. Language assessment, formal and informal language teaching strategies, remediation activities, and language service delivery models will be examined. Prerequisite(s): SPED 4123.</td>
</tr>
</tbody>
</table>

| SPAN 5303 - Women Writing In Span America | |
|------------------------------------------| |
| This course provides a comprehensive overview of Spanish American literature by women writers from diverse periods and geographic regions of Central and South America, Mexico, and the Caribbean. Concepts introduced include issues influencing women’s roles in Spanish America, such as silencing, otherness, and mythical images of women leading to the formation of false identities. These notions and others are considered in relation to influential political and religious institutions often regarded as instruments of oppression. Prerequisite(s): 17 hours in Spanish and permission of the instructor. |
**Graduate Course Descriptions**

**SPED 5123 - Teaching Indiv 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 Ed**
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 5242 - Found Of M/M Disabil**
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 - Found Sev/Prof Disab**
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 these courses includes characteristics, roles, and interactions effects of and to friends, society and the family. Motortic, emotional, cognitive, social, behavioral, physical, and health causes will also be explored. Prerequisite(s): SPED 4123.

**SPED 5303 - Assess/Except Indiv**
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 Ed**
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 thereview 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 - Prog Develop & Admin In Spced**
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 5431 - Att Deficit Hyper 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”.

**SPED 5443 - Behavioral/Classroom Mgmt**
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 - Cur Mod/Asst Tech In Spec Ed**
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 - Coun Fam of Indiv with Dis**
This course develops expertise in assisting families of individuals with disabilities and is designed for students pursuing professions in education, psychology, counseling, social work, and others. It will focus on the ethical issues and legal foundations needed for consultation and collaboration with parents and other professionals who provide services to individuals with disabilities. Prerequisite(s): Permission of graduate advisor.

**SPED 5582 - Secondary Special Education**
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.
Graduate Course Descriptions

SPED 5653 - Proc Mild/Mod LD
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 - Proc Sev/Prof Phy Health Disab
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 - Proc Mild-Mod Emotional Behav
A study of characteristics, problems of identification and educational programs for students with emotional disturbance and social maladjustment in public schools, day care centers, hospitals, and residential schools. Mental health principles for understanding, managing, and teaching emotionally disturbed children are included. Emphasis is placed upon the administrative provisions, theories of remediation, curriculum and materials utilized in prescriptive teaching. Prerequisite(s): SPED 4123.

SPED 5753 - Proc Sev/Prof Emotional/behav
This course is a study of teaching students with emotional/behavioral disorders in public schools, day care centers, hospitals, day treatment centers, and residential schools. Mental health principles for understanding, managing, and teaching individuals with emotional/behavioral 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 - Proc For Mild/Mod MR
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 - Proc Sev/Prof MR
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 - Curr Dev M/M Disabil
The course is designed to teach skills necessary to design a program for students functioning at mild/moderate levels of Emotional/Behavioral Disorder, Learning Disabled, and Mental Retardation, 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 - Curr Dev Sev/Pro Dis
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.

SPED 5930 - Ind Study
Credit will vary from 1 to 4 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.

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 5000 - 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. No more than 2 hours of workshop may be counted on a master’s degree.

#### STAT 5103 - Statistical Methods II
This course will introduce basic concepts of experiments and experimental error, analysis of variance of one-, two-, and three-way classification, and nonparametric statistics. Prerequisite(s): STAT 3103.

#### 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 - Statistical Methods III
Topics for this course will include multiple regression, logistic regression, log linear models, survival analysis, 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 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 polynomial fitting will also be discussed. Prerequisite(s): CMSC 1613 and STAT 3103.

#### 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 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 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.

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### TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)
#### Department of Curriculum and Instruction

#### TESL 5000 - Workshop
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

#### TESL 5123 - Found Bil/Mult Ed
This course provides an overview of the history, philosophy and theoretical framework of bilingual/multicultural education, including the legal aspects of federal and state involvement. The purpose, instructional models, and populations served by bilingual education will be examined. Upon completion students will be able to discuss the issues concerning the development, the effectiveness, current trends, and future projections for bilingual/multicultural education programs in the U.S. Students will also develop a personal educational philosophy regarding cultural and linguistic diversity.
TESL 5133 - Meth & Mat Bil Instr
This course is designed to provide knowledge of current trends, methods, strategies and resources related to instructional issues and practices in bilingual settings. Upon completion, students will demonstrate proficiency in designing and adapting curriculum materials for bilingual classrooms, and planning and implementing bilingual instruction. Prerequisite(s): permission required.

TESL 5143 - Tch Rdg to Eng Lang Lrnrs
This course will examine the basic considerations for teaching reading to limited English speakers. Topics will include: the role and importance of literacy, assessment, readiness, language comprehension/skills development, and instructional materials, strategies and resources.

TESL 5163 - ESL In Content Areas
This course will provide a rationale for cultural and linguistic considerations in content area instruction for students who are limited English proficient. Different approaches and specific techniques for teaching English as a second language in content areas will be examined, specifically in social studies, science, and math. Upon completion, students will demonstrate an ability to design curriculum which integrate content area processes and ESL methodology.

TESL 5212 - Cultural/Ling Diversity in Sch
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 - Test/Eval Bil/ESL Clsm
This course will examine the issues and concerns of language and achievement assessment in bilingual education and English as a second language programs. Various standardized tests 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 - Lang Structure for ESL Tchrs
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 5763 - Second Language Acquisition
This course will provide an extensive review of research and literature in the field of second language acquisition. Students will examine the developmental nature of second language proficiency and the various factors that influence the process.

TESL 5783 - Tchg Eng Second Lang
This course provides the theoretical and practical foundations for teaching English as a second language. Upon completion, students will demonstrate a proficiency in utilizing ESL methodology, managing an ESL classroom and in developing and adapting supplementary materials for ESL instruction.

TESL 5900 - Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

TESL 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

TESL 5930 - Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

TESL 5950 - Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

TESL 5960 - Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

TESL 5970 - Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

TESL 5990 - Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

THEATRE ARTS (THRT)
Department of Theatre, Dance and Media Arts

THRT 5000 - Workshop In Theatre Arts
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.
THRT 5213 - Shakespeare on Film
This course will guide students in exploring how Shakespeare's plays have been adapted for film using both early cinematic techniques and modern technology. Reading a number of Shakespeare's plays and viewing movie interpretations will serve as a base for analysis, lectures, discussion and an in-depth research project and oral presentation. Prerequisite(s): Graduate standing.

THRT 5303 - Global Theatre
This course surveys the theatrical traditions of global theatre in a variety of forms including realistic and non-realistic performances. The theatrical arts of various countries will be studied not only for their intrinsic value, but as key to understanding the cultural components which compose our global world. Prerequisite(s): Graduate standing.

THRT 5353 - Hist Theat Beg-1660
This course provides the student with a comprehensive survey of the development, important issues, prominent artists, and pivotal events in the history of the theatre from its beginning to 1660. Students will conduct independent exploration into selected aspects of theatrical development. Prerequisite(s): Graduate standing.

THRT 5363 - Hist Theat 1660-Pres
This course provides the student with a comprehensive survey of the development, important issues, prominent artists, and pivotal events in the history of the Theatre from 1660 until present. Students will conduct independent exploration into selected aspects of theatrical development. Prerequisite(s): Graduate standing.

THRT 5713 - Play Production
This course is a study of the techniques and philosophies of directing plays in the contemporary theatre and emphasizes actual practice through the preparation and presentation of scenes from modern and classic plays, producing and directing a short play and preparing in-depth studies of modern professional theatre directors. Prerequisite(s): Graduate standing.

THRT 5900 - Practicum In Theatre Arts
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

THRT 5910 - Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary from within the department's field of study.

THRT 5930 - Ind Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

THRT 5950 - Internship In Theatre Arts
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

THRT 5960 - Institute In Theatre Arts
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

THRT 5970 - Study Tour
Credit will vary. 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.
College of Arts, Media & Design Plans of Study
### Recommended Undergraduate Courses

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

#### Interior Design
- DES 1113 Interior Design I
- DES 1333 Residential Design I
- DES 2143 Commercial Design I
- DES 2543 Commercial Drafting I
- DES 3123 Lighting for Interior Design
- DES 3223 Materials for Interiors
- DES 3323 Rendering Techniques
- DES 3513 History of Interior Design I
- DES 3523 History of Interior Design II
- DES 3553 History of Interior Design III
- DES 3533 Residential Design II
- DES 3563 Custom Furniture
- DES 3573 Universal Design
- DES 4213 Systems Furniture
- DES 4493 Commercial Design II
- DES 4553 Estimating for Inter. Design

### Graduate Hours minimum

#### 15 hours Required Courses
- PTE 5013 Found. of Educ. Research
- PTE 5193 Educational Statistics
- DES 5033 Methods in Design Study
- 3 hrs of ART History or DES History:
- 3 hrs of ART History or DES History:

#### 12 hours General Electives (5000 level)

#### 12 hours Thesis in Design
- DES 5983 Thesis Project Proposal
- DES 5993 Thesis
- DES 5993 Thesis
- DES 5993 Thesis Presentation

#### 21 hours Design Professional Preparation

---

**Plan of Study: MFA-Design**

**Design**
- DES 5211 Summer Seminar*
- DES 5233 Psychology of Design
- DES 5253 Design in Global Cultures
- DES 5273 Business of Design
- DES 5293 Design Studio*
- DES 5910 Seminar/Special Topics in Design
- DES 5933 Individual Study in Design
- DES 5952 Internship in Design
- DES 5971 Study Tour in Design

**Graphic Design (with Grad. Advisor approval)**
- JOUR 5283 Advertising Campaigns
- ENG 5023 Advanced Tech. Writing
- DES 5113 History of Graphic Design
- DES 5313 Typography Studio*
- DES 5333 Print Design Studio*
- DES 5353 Package Design Studio*
- DES 5373 Advertising Design Studio*
- DES 5423 Comput. Graphics Studio*
- DES 5443 Illustration Studio*
- DES 5463 New Media Design Studio*
- DES 5483 ClockTower Studio*

**Interior Design (with Graduate Advisor approval)**
- DES 5513 History of Interior Design I
- DDES 5523 History of Interior Design II
- DES 5553 History of Interior Design III
- DES 5613 Lighting Design Studio*
- DES 5633 Compututer Drafting Studio*
- DES 5653 Residential Design Studio*
- DES 5713 Commer. Design Studio*
- DES 5733 Furniture Design Studio*
- DES 5753 Environ. Design Studio*
- DES 5773 Charles Evans Studio*

*May be repeated for credit, up to 9 hours

**Design Education (with Graduate Advisor approval)**
- DES 5843 Teaching Design
- ADED 5122 Found. of Training & Develop.
- ADED 5313 Techniques of Teaching Adults
- ADED 5423 Instr. Eval. in Train. and Devel.
- ADED 5453 Psych. of Adult Development
- ADED 5823 Nat. & Char. of the Adult Learner
- ADED 5883 Advanced Instructional Methods

---
Plan of Study: MFA-Design

Dr. Joe C. Jackson College of Graduate Studies & Research
University of Central Oklahoma

Degree: Master of Fine Arts

Major/Option: Design

Code: 1600

Department: Design

College: Arts, Media & Design

Graduate Advisor: Rukmini Ravikumar, MFA

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Signature of Graduate Advisor:
A Formal Plan of Study
School of Music - Graduate Division

Name: _______________________________________________ Date: __________________

Master of Music: Performance: _______________ Music Education: _______________

BANNER #: ___________________________ ID #: (if different from Banner) _____________

Current Address: _______________________________________________________________

Permanent Address (if different): ___________________________________________________

Primary Instrument: _______________ Phone: ( ) ____________________

(Trumpet, Piano, Voice, etc.)

Email: ___________________________ Cell Phone: ( ) __________________________

CATEGORY A: Professional Studies (12-16 credit hours) total 12-16
(Including graduate recital or final project)

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CATEGORY B: Music History and Literature (6 credit hours) total 6

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CATEGORY C: Music Theory (6 credit hours) total 6

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CATEGORY D: Research Methods (2 credit hours) total 2

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CATEGORY E: Electives (2-6 credit hours) total 2-6

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<th>Course Title</th>
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TOTAL CREDIT HOURS = 32

PROJECTED DATE OF GRADUATION: _____________________________________________________________

_____________________________________________________________________________________________

Graduate Advisor, Ron Howell  Studio phone: (405) 974-5752  Fax: (405) 974-3891

Committee: ___________________________________________ Committee: _______________________

_____________________________________________________________________________________________

Student Signature/Candidate for the Master of Music Degree Date
College of Education and Professional Studies Plans of Study
### PLAN OF STUDY

**MASTER OF EDUCATION - ADULT EDUCATION - TRAINING**

Name: ____________________  SSN: ____________________  ID #: ________________

(Street)  (City)  (State)  (Zip)

Phone: Home __________________  Bus. Cell __________________  E-Mail __________________

### A) Required Courses (14 hours)

<table>
<thead>
<tr>
<th>Course Prefix</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Semester Offered</th>
<th>Hours</th>
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<tr>
<td>PTE</td>
<td>5013</td>
<td>Foundations of Education Research</td>
<td>F, Sp, Su</td>
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<tr>
<td>ADED</td>
<td>5823</td>
<td>Nature and Characteristics of the Adult Learner</td>
<td>F, Sp</td>
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<tr>
<td>ADED</td>
<td>5133</td>
<td>Philosophical Foundations of Adult Education</td>
<td>F, Sp</td>
<td>2</td>
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<tr>
<td>ADED</td>
<td>5313</td>
<td>Techniques of Teaching Adults</td>
<td>F, Sp</td>
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<tr>
<td>ADED</td>
<td>5893</td>
<td>*Capstone in Adult Education and Training</td>
<td>F, Sp, Alt. Su</td>
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SubTotal Hrs. 14

*This course should be taken during the last 4-5 hours of the program. This course cannot be taken until all required classes in Area A have been completed.

### B) Elective Course Section: (Select 15-16 hours from below)

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<tr>
<th>Course Prefix</th>
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<th>Course Title</th>
<th>Semester Offered</th>
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<tr>
<td>ADED</td>
<td>5900</td>
<td>Practicum in Adult Education (has to be arranged)</td>
<td>F, Sp, Su</td>
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<tr>
<td>ADED</td>
<td>5122</td>
<td>Foundations of Training and Development</td>
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<td>ADED</td>
<td>5453</td>
<td>Psychology of Adult Development</td>
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<td>ADED</td>
<td>5073</td>
<td>Management of Adult Education Programs</td>
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<td>5233</td>
<td>Curriculum Design in Education</td>
<td>F, Sp, Alt. Su</td>
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<tr>
<td>ADED</td>
<td>5442</td>
<td>Human Relations in Training &amp; Development</td>
<td>Sp</td>
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<td>ADED</td>
<td>5342</td>
<td>Consulting Skills in Training &amp; Development</td>
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<tr>
<td>ADED</td>
<td>5423</td>
<td>Instructional Evaluation in Training &amp; Development</td>
<td>F, Sp</td>
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<td>ADED</td>
<td>5332</td>
<td>Motivating the Adult Learner</td>
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<td>ADED</td>
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<td>Transformational Learning for the Adult Learner</td>
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<td>ADED</td>
<td>5552</td>
<td>Facilitation Techniques for Adult Learners</td>
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<td>ADED</td>
<td>5642</td>
<td>Proposal Writing</td>
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<tr>
<td>ADED</td>
<td>5522</td>
<td>Creative Supervision Skills</td>
<td>F, Alt. Su</td>
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<tr>
<td>ADED</td>
<td>5531</td>
<td>Training/Needs Analysis</td>
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SubTotal

### C) Approved Electives to complete 32 hours (2-3 Hours)

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<th>Course Title</th>
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<tr>
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<td>F, Alt. Su</td>
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SubTotal

Grand Total (min. 32 hours)

---

I understand that I may not make any changes to my Plan of Study without prior approval from the Graduate Advisor. If I take any coursework that is not listed on my Plan of Study, the Graduate Advisor is not obligated to apply the coursework toward my degree.

<table>
<thead>
<tr>
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<table>
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### ADVISEMENT WORKSHEET FOR THE MASTER OF EDUCATION DEGREE IN ADULT EDUCATION/GERONTOLOGY

**Name ______________________________**
**ID# ________________________**
**Date _________________**

(Street)   (City)    (State)  (Zip)

Phone: Home __________________ Bus.  Cell ________________   Mail ________________________

Present Work Assignment ______________________________________________________________

#### Area A: Required Courses: 13 hours

<table>
<thead>
<tr>
<th>Cr. No.</th>
<th>Cr. Hrs.</th>
<th>Course Title</th>
<th>Sem. Off.</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>(3)</td>
<td>Foundations of Education Research</td>
<td>F, Sp, Su</td>
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</tr>
<tr>
<td>GER 5023</td>
<td>(3)</td>
<td>Orientation to Gerontology</td>
<td>F</td>
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<tr>
<td>GER 5743</td>
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<td>Gerontology Colloquium*</td>
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<tr>
<td>GER 5902</td>
<td>(4)</td>
<td>Practicum in Gerontology or Thesis Hours</td>
<td>F, Sp, Su</td>
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**Total _________  _____________**

#### Area B: Select a minimum of 14-15 hours from the following:

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<th>Sem. Off.</th>
<th>Hours</th>
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<tr>
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<td>F</td>
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<td>Biology of Human Aging</td>
<td>Sp</td>
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<tr>
<td>GER 5213</td>
<td>(3)</td>
<td>Health and Social Services for Seniors</td>
<td>Sp</td>
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<tr>
<td>GER 5342</td>
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<td>Politics of Aging</td>
<td>Sum</td>
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<td>SOC 5053</td>
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<td>Qualitative Gerontology</td>
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<td>GER 5731</td>
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<td>Drug Issues for the Older Adult</td>
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</table>

**Total _________  _____________**

#### Area C: Approved electives to complete the 32 hours required. Courses can be selected with approval of Program Advisor (Select 4-5 Semester Hours)

<table>
<thead>
<tr>
<th>Cr. No.</th>
<th>Cr. Hrs.</th>
<th>Course Title</th>
<th>Hours</th>
<th>Date</th>
</tr>
</thead>
</table>

**Total _________  _____________**

**Total Hours _________  _____________**

---

**Advisor**

---

*This course should be taken during the last 8 hours of the program.

**Abbreviations:**
- F=Fall
- Sp=Spring
- Su=Summer
- Alt F=Alternating Fall
- Alt Sp=Alternating Spring
- Alt Su=Alternating Summer
- T & D=Training and Development

**revised 5/13/04**
# Master of Education Degree

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

## Plan of Study

### I. Profession Education

- **Research**
  - PTE 5013 Foundations of Education Research

- **History and Philosophy**
  - TESL 5123 Foundations of Bilingual/Multicultural Education

- **Measurement and Psychology**
  - TESL 5313 Testing & Evaluation in Bilingual/ESL Classrooms

- **Media and Curriculum**
  - IME 5042 Microcomputers in the Classroom

11 hours

### II. Core Areas

#### A. Specialization

- TESL 5763 Second Language Acquisition
- TESL 5783 Teaching English as a Second Language

**OR**

- TESL 5133 Methods & Materials for Bilingual Instruction
- TESL 5143 Teaching Reading to English Language Learners
- TESL 5163 ESL in Content Areas
- TESL 5212 Cultural/Linguistics Diversity in the Schools

14 hours

#### B. English

- **Required:**
  - ENG 5413 Teaching ESL Grammar

- Select 3 hours from the following:
  - ENG 5283 English Grammar & Usage
  - ENG 5343 Linguistics
  - ENG 5323 History of the English Language
  - ENG 5733 TESL Pedagogy
  - TESL 5413 Language Structure for ESL Teachers

6 hours

### III. Capston Experience

- TESL 5902 Practicum: TESL/TEFL: The Capstone Experience for this program will be taken during the last six hours of the program. The practicum will require students to be monitored and supervised in an applied setting working with English language learners. Competencies matching the program objectives will be evaluated.

2 hours

**TOTAL** 33 hours
DEGREE PROGRAM FOR THE
MASTER OF EDUCATION IN EARLY CHILDHOOD EDUCATION
Minimum 34 Graduate Hours

NAME OF STUDENT ___________________________________ DATE ___________________________________

STREET ADDRESS ___________________________________ ID# ______________________________

CITY, STATE, ZIP ___________________________ HOME PHONE (_____) _____________

CELL PHONE (_____) __________________________ WORK PHONE (_____) _____________

PRESENT TEACHING ASSIGNMENT __________________________ E-MAIL ADDRESS: __________________________

CERTIFICATION STATUS __________________________

I. PROFESSIONAL EDUCATION

At least one course from each group:

** PTE 5013 - Foundations of Educational Research ........................................ _________________

Group 2 - Curriculum & Media

** ECED 5223 – Educational Practices of Constructivist Teachers .......................... _________________

IME 5042 – Microcomputers in the Classroom & Media Centers .......................... _________________

** PTE 5203 - Advanced Educational Psychology .................................................. _________________

TOTAL PROFESSIONAL EDUCATION HOURS _________________

II. EARLY CHILDHOOD EDUCATION

** ECED 5512 – Professionalism & Advocacy in Early Childhood (To be taken the first summer in the program) ............................................................. _________________

** ECED 5232 – Affirming Diversity: Multicultural Education In Practice ............ _________________

** ECED 5042 – Leadership: Empowering Families, Communities, Schools .......................... _________________

** ECED 5063 – Develop., Learning, Fam. Involvement: Birth thru Three .......... _________________

** ECED 5103 – Develop., Learning, Fam. Involvement: The Child from 4-8 ........ _________________

** ECED 5952 – Internship in Early Childhood (By permission only) .................... _________________

** ECED 5903 - Practicum: Early Childhood ........................................................................__

(Capstone experience to be taken during the last six hours of program) 

TOTAL EARLY CHILDHOOD HOURS _________________

TOTAL (p. 1) ____________
III. ELECTIVES ............................................................................................................ Minimum 7 hours

Group 1 – Early Childhood Certification Requirements

Core Area
ECED 5073 Language Development & Emergent Literacy .................................................. ________________  _________________________
ELED 4063 Teaching Reading in the Primary Grades .............................................................. ________________  _________________________
ELED 4183 Assessment & Intervention Practices for the Teaching of Reading in Grades K-8 .................................................................................... ________________  _________________________

Early Childhood Emphasis – (Take course that is circled)
FMCD 3313 Guid. of Pre-Schl Child OR ECED 5103–Dev, Lrn, Involv: 4-8
FMCD 5413 Contemp Amer Fam OR ECED 5042–Ldrshp: Empower Fam, Comm, Schl.
ECED 4112 Hlth, Sfty, & Nutrit. in EC OR ECED 5063–Dev, Lrn, Involv: 0-3
ECED 5333 Science & Social Studies in Early Childhood ....................................................... ________________  _________________________
ECED 5232 Affirming Diversity: Multicultural Educ. In Practice ........................................... ________________  _________________________
ECED 5422 Parent Community Relations ................................................................................ ________________  _________________________
ECED 5433 Theoretical Perspectives of Learning & Practice ................................................ ________________  _________________________
ECED 4901 Practicum: Early Childhood Education .......................................................... ________________  _________________________
ELED 5323 Teaching Mathematics in the Preschool & Primary Grades ................................ ________________  _________________________

Substitutions for Certification

GROUP 2 – Suggested Electives

ECED 591x Special Topics in Early Childhood Education
ECED 593x Individual Study in:
ECED 5912 Educational Strategies for Young Children with Special Needs
FMCD 5023 Theories in Family Relations
FMCD 5373 Lifespan Human Development in Family and Child Studies
FMCD 5352 Ethics in the Helping Profession
READ 5913 The Balanced Reading Program from Phonics to Comprehension
HLTH 5103 Human Development
TESL 5123 Foundations of Bilingual/Multicultural Education
TESL 5133 Methods and Materials for Bilingual Instruction
IME 5022 Materials Selection Print/Nonprint
IME 5042 Microcomputers in the Classroom and Media Center
IME 5863 Production of Instructional Media
NTRN 5102 Newer Trends in Nutrition
PHED 5602 Physical Education and Recreation for the Exceptional Child
SOC 5573 Sociology of Childhood and Adolescence
FNRL 5483 Psychology of Grief
WORKSHOPS (Master programs are limited to two hours of workshop credit)

OTHER: ____________________________________________________________________________

TOTAL ELECTIVE HOURS __________

ADDITIONAL UNDERGRADUATE CERTIFICATION HOURS REQUIRED
(See UCO Teacher Education Services, EDU 207)

TOTAL PAGE 1 __________
TOTAL PAGE 2 __________

TOTAL PROGRAM HOURS (p. 1 – 2) __________

Advisor: __________________________________________________________

NOTE: The Master’s program has additional course and time limitations regulated by the Graduate Office. Obtain a copy of the Graduate Catalog to ensure that you have current information regarding the requirements or restrictions.

** - Required for all degree candidates
X – Course will meet Master degree requirements
XX – Course will meet certification requirements (and if taken for graduate credit, will also apply to the Master degree)

5/13/04
# MASTER OF EDUCATION IN EDUCATION ADMINISTRATION

## FORMAL PLAN OF STUDY

First Name: ___________________ Middle: _______________ Last Name: ___________________

Social Security: _______________ Date: _______________ Program: ___________________

Street: _______________________ City: __________________ State: ______ Zip: ___________

Phone: _______________________ Work: _______________ E-Mail _______________________

## Required Courses:

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<td>PTE 5153</td>
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<td>PTE 5013</td>
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<td>EADM 5814</td>
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**34 hours**

* Courses marked with an asterisk must be taken within the first nine hours of the program of study at UCO

** Students will not be permitted to enroll in this course until they have completed a minimum of 24 hours of course work.

Date Plan of Study: __________________________

Student _______________________________ Advisor _______________________________
Degree Program for the
Master of Education in Elementary Education
Minimum 36 Graduate Hours

M. Ed. In Elementary Education – 36 hours
I. Initial Certification or Degree in Elementary Education.................................................(0-12 hours)
   Students who do not hold a certificate or degree in Elementary Education may apply up to 12 hours of their certification courses in Elementary Education toward the master’s degree if they are taken at the graduate level. (These double-listed undergraduate/graduate [4000/5000] level courses will be specifically identified by course number on the advising sheets. The assigning of these numbers is currently in progress.) It is possible that certification requirements and the student teaching experience will exceed the 12 hours, but will be necessary for the certification. This component must be completed prior to the Professional Education and Elementary Education Core graduate courses.

II. Professional Education – Required .................................................................................(6 hours)
   A. PTE 5013 Foundations of Education Research

   Take one of the following:
   B. PTE 5822 Advanced Psychology of Childhood
      OR
      PTE 5750 Advanced Development of Psychology in an Educational Setting

III. Elementary Education Core – Required ......................................................................(18 hours)
   Take each course in this section:
   A. ELED 5253 Inquiry Science for Elementary Teachers......................................................(3)
   B. ELED 5733 Teaching for Mathematics Understanding..................................................(3)
   C. ELED 5223 Literature-Based Language Arts Instruction.............................................(3)
   D. ELED 5753 Social Studies in a global Environment....................................................(3)
   E. READ 5913 The Balanced Reading Program…from Phonics to Comprehension..............(3)
   F. ELED 5913 Elementary Education Capstone Seminar..................................................(3)

   Select one of the following:
   1. Analysis of the National Boards for the Professional Teaching Standards
   2. Action research
   3. Thesis

IV. Curriculum Enhancement........................................................................................................(0-12 hours)
   Students who hold an undergraduate Elementary Education degree or certification will select elective courses to total 36 hours from any of the following areas:
   1. Seminars, workshops or institutes in Elementary Education
   2. Contents support courses in liberal arts, mathematics or the sciences
   3. Courses approved by an advisor.

Total 36 hours
PLAN OF STUDY
MASTER OF SCIENCE – FAMILY AND CHILD STUDIES (Major: LMFT)

Prerequisites (if any)

<table>
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<tr>
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<th>COURSE TITLE</th>
<th>HRS</th>
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<td>Child Development OR Child Psychology</td>
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Required Courses (20 hours)

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<td>Theories in Family and Child Studies</td>
<td>3</td>
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<td>Family Dynamics and Sexuality</td>
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<td>Linking Family and Community</td>
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Specialization (15 hours)

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<td>PSY</td>
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<td>PSY</td>
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<td>Couples &amp; Family Counseling</td>
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<td>Child and Adolescent Counseling</td>
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<td>SAS</td>
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<td>Substance Abuse and the Family</td>
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Guided Electives (6 hours)

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Internship and Practicum (6 hours)

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I understand that I may not make any changes to my Plan of Study without prior approval from the Graduate Advisor. If I take any coursework that is not listed on my Plan of Study, the Graduate Advisor is not obligated to apply the coursework toward my degree.

APPROVED BY

DATE

STUDENT

DATE

Grand Total (min. 46 hrs)
PLAN OF STUDY
MASTER OF SCIENCE – FAMILY AND CHILD STUDIES (Major: Family Support Specialist)

NAME: 
SSN: 
ID #: 
ADDRESS: 
CITY: 
STATE: 
ZIP: 
PHONE: 
E-MAIL: 

Prerequisites (if any)

<table>
<thead>
<tr>
<th>COURSE PREFIX</th>
<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>HRS</th>
<th>SEM</th>
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<tr>
<td>FMCD</td>
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<td>Developmental Assessment/Evaluation</td>
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Required Courses (20 hours)

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<th>COURSE TITLE</th>
<th>HRS</th>
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<tr>
<td>FMCD</td>
<td>5542</td>
<td>Leadership Principles and Advocacy</td>
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<td>FMCD</td>
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<td>PTE</td>
<td>5013</td>
<td>Foundations of Educational Research</td>
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Select Internship or Thesis Option (6-7 -hours)

<table>
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<tr>
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<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>HRS</th>
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<tbody>
<tr>
<td>PTE</td>
<td>5413</td>
<td>Educational Statistics (only if Thesis is chosen)</td>
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<tr>
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<td>5994</td>
<td>Thesis OR</td>
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<td>5950</td>
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Specialization (Guided electives - minimum 15 hours)

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</thead>
<tbody>
<tr>
<td>FMCD</td>
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<td>Family Law and Public Policy</td>
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<tr>
<td>ECED</td>
<td>5232</td>
<td>Affirming Diversity: Multicultural Education</td>
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<tr>
<td>SLP</td>
<td>5232</td>
<td>Communication Disorder Infant/Toddler OR</td>
<td>2</td>
</tr>
<tr>
<td>SPED</td>
<td>5102</td>
<td>Language Development in Special Education</td>
<td>2</td>
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<tr>
<td>SPED</td>
<td>5543</td>
<td>Counseling Families of Individuals with Disabilities</td>
<td>3</td>
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<td>SPED</td>
<td>5212</td>
<td>Legal Aspects in Special Education</td>
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<td>5433</td>
<td>Theoretical Perspectives in Learning/Pract.</td>
<td>3</td>
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<td>Autism and TBI</td>
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<td>Attention Deficit Disorder</td>
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<td>5633</td>
<td>Social Welfare Theory</td>
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<td>SOC</td>
<td>5463</td>
<td>The Abused</td>
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Grand Total (min. 40 hrs)

I understand that I may not make any changes to my Plan of Study without prior approval from the Graduate Advisor. If I take any coursework that is not listed on my Plan of Study, the Graduate Advisor is not obligated to apply the coursework toward my degree.

APPROVED BY 
DATE 
STUDENT 
DATE 

220
# PLAN OF STUDY

**MASTER OF SCIENCE – FAMILY AND CHILD STUDIES** (Major: Family Life Educator)

**Prerequisites (if any)**

<table>
<thead>
<tr>
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<td>Contemporary American Families</td>
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<td>FMCD</td>
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<td>Guidance of the Young Child</td>
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| STAT          | 3 hours of statistics | 3 | |

**Required Courses (20 hours)**

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<td>Family Dynamics and Sexuality</td>
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<td>Life Span Development in Family and Child Studies</td>
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<td>FMCD</td>
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<td>Ethics &amp; Issues in Family and Child Studies</td>
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<td>Linking Family and Community</td>
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<td>PTE</td>
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**Select Internship or Thesis Option (6-7-hours)**

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<th>COURSE TITLE</th>
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<td>Educational Statistics (only if Thesis is chosen)</td>
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<td>Thesis OR</td>
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**Specialization (minimum 9 hours)**

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<td>Family Law and Pubic Policy</td>
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<tr>
<td>SAS</td>
<td>5273</td>
<td>Substance Abuse and the Family OR</td>
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<td>SAS</td>
<td>5913</td>
<td>Prevention/Education in Substance Abuse</td>
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<td>ECED</td>
<td>5433</td>
<td>Theoretical Perspectives of Learning/Practice</td>
<td>3</td>
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<tr>
<td>GERD</td>
<td>5463</td>
<td>Bereavement Counseling</td>
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<tr>
<td>ADED</td>
<td>5342</td>
<td>Consulting Skills in Training &amp; Development</td>
<td>2</td>
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</table>

**Grand Total (min. 34 hrs)**

---

I understand that I may not make any changes to my Plan of Study without prior approval from the Graduate Advisor. If I take any coursework that is not listed on my Plan of Study, the Graduate Advisor is not obligated to apply the coursework toward my degree.

<table>
<thead>
<tr>
<th>APPROVED BY</th>
<th>DATE</th>
<th>STUDENT</th>
<th>DATE</th>
</tr>
</thead>
</table>

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221
Curriculum for MEd in Education
General Education

Please consult with the College of Education Graduate Advisor for assistance in completing the attached official Plan of Study. NOTE: If you take a course that is NOT on this sheet and do not get prior approval from the program advisor, the course will not be considered as part of your Plan of Study for completion of the program.

Professional Education
(Must choose one course from each area)

Area 1  Methods of Research

1. PTE  5013  Foundations of Education Research (or a research course in your area)

Area 2  History and Philosophy

1. OCTE  5213  History and Philosophy of Vocational Education
2. ADED  5133  Philosophical Foundations of Adult Education
3. PTE  5122  Modern Philosophies of Education
4. SFTY  5203  Principles, History & Philosophy of Safety
5. TESL  5123  Foundations of Bilingual/Multicultural Education (for TESL majors only)
6. PTE  5142  History of Education
7. PTE  5172  Educational Sociology

Area 3  Curriculum Development

1. ADED  5233  Curriculum Design in Education

Area 4  Measurement & Assessment

1. PTE  5383  Principles of Tests & Measurements
2. ADED  5423  Instructional Evaluation in Training & Development
3. TESL  5313  Tests & Evaluation in Bilingual/ESL Classrooms (for TESL majors only)

Specialization Area

Area 5  Instructional Methods
(may choose methods course in your area or one of the following)

1. ADED  5313  Techniques of Teaching Adults
2. OCTE  5853  Methods of Teaching Occupational & Technical Education
3. TESL  5783  Teaching English as a Second Language (for TESL majors only)

Area 6

The remaining 18-19 hours are to come from your specific field of study. You must be able to meet the prerequisites for the graduate courses in your specific field of study. If you do not have a background in the specific field of study, you will be required to complete the undergraduate prerequisites as identified by the program coordinator. You may not change your plan of study without permission.
### General Education

**PLAN OF STUDY**

**MASTER OF EDUCATION – GENERAL EDUCATION**

#### A) Professional Education Required Courses (11-12 hours)

<table>
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<tr>
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<th>COURSE TITLE</th>
<th>HRS</th>
<th>SEM</th>
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<td>AREA 1*</td>
<td>PTE 5013</td>
<td>Methods of Research</td>
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<tr>
<td>AREA 2*</td>
<td></td>
<td>Foundations of Educational Research</td>
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<td></td>
</tr>
<tr>
<td>AREA 3*</td>
<td></td>
<td>History and Philosophy</td>
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<tr>
<td>AREA 4*</td>
<td></td>
<td>Curriculum Development</td>
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<td></td>
<td></td>
<td>Measurement &amp; Assessment</td>
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</tbody>
</table>

* See back of page for course selection

**Sub-Total**

#### B) Specialization Area: (Select 21-22 hours)

<table>
<thead>
<tr>
<th>COURSE PREFIX</th>
<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>HRS</th>
<th>SEM</th>
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<tbody>
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<td>AREA 5*</td>
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<td>Instructional Methods (2-3 hours)</td>
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<tr>
<td>AREA 6**</td>
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<td>Specialization Area (18-19 hours)</td>
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</tr>
</tbody>
</table>

**Required Prerequisites**

**See back of page for instructions on course selection**

**Sub-Total**

**Grand Total (min. 33 hours)**

---

*I understand that I may not make any changes to my Plan of Study without prior approval from the Graduate Advisor. If I take any coursework that is not listed on my Plan of Study, the Graduate Advisor is not obligated to apply the coursework toward my degree.*
MASTER OF EDUCATION IN GUIDANCE AND COUNSELING
FORMAL PLAN OF STUDY

First Name: ____________________  Middle: ________________  Last Name: ______________________

Social Security: ________________  Date: ________________  Program: ______________________

Street: __________________________  City: ____________________  State: ______  Zip: __________

Phone: ________________________  Work: ________________  E-Mail __________________________

Where Employed: __________________________________________________________________

Required Courses:

PTE 5013 _______ Foundations of Educational Research *
PTE 5383 _______ Principles of Tests and Measurements
PTE 5153 _______ Advanced Developmental Psychology in an Educational Setting

GUID _______ 5013  Principles of Guidance and Counseling
GUID _______ 5163  Theories and Techniques of Individual School Counseling #1, #2
GUID _______ 5133  Multicultural Counseling #2
GUID _______ 5443  Career Guidance #3
GUID _______ 5113  Theories and Techniques of Group Counseling #2
GUID _______ 5153  Counseling Intervention Strategies #2
GUID _______ 5253  Developmental Guidance #4
GUID _______ 5953  Internship 200 Total Hours #5

100 hours in Education Clinic

Total Hours: 33
100 hours in an accredited school site

Other: __________________________________________________________________

*PTE 5013 must be taken within the first two semesters of enrollment

#1 GUID 5013 is a prerequisite or may be taken concurrently with GUID 5013
#2 GUID 5163 is a prerequisite for GUID 5113, GUID 5153 and GUID 5133
#3 GUID 5013 is a prerequisite or may be taken concurrently with GUID 5443
#4 GUID 5013 and PTE 5203 are prerequisites
#5 GUID 5953 is taken last in the course sequence and requires permission.

Application is made during the fall semester for the following spring semester. Application is made
during the spring semester for the following fall semester. The application is available from faculty or the
“Student Guide”. The portfolio must be turned in with the internship application for review. Both the “Stu-
dent Guide” and the “Portfolio” are available in Adobe format on the Guidance and Counseling Web Site:
http://www.educ.ucok.edu/subwebs/aps/jchandler/GUID/

Date Plan of Study filed: ___________________

Student ____________________________  Advisor ______________________________

February 27, 2004
University of Central Oklahoma
MASTER OF EDUCATION IN INSTRUCTIONAL MEDIA
APPLIED TECHNOLOGY OPTION
PLAN OF STUDY
(effective Summer 2002)

UCO ID: ______________________________  Date: ______________________________
First Name: ________________  Middle:  _____________  Last Name: __________________
Address: _______________________  City: ________________  ST: OK  Zip: ______________
Home Phone:_______________  Work Phone: _____________  E-Mail: __________________

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<td>IME 5143</td>
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<td>IME 5243</td>
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<td>IME 5313</td>
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<td>IME 5543</td>
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<td>IME 5953</td>
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36 Hours

______________________________________  ____________________________________________
Date Plan of Study  Student’s Signature

__________________________________________  ____________________________________________
Advisor’s Signature  

Revised January 18, 2000
# Master of Education in Instructional Media  
**Library Information Major**

**Plan of Study**  
*Effective Fall 2004*

**UCO:** ___________________________________________  
**Date:** ___________________________________________

**Name:**  
Last: ___________________________________________  
First: ___________________________________________  
Middle: ___________________________________________

**Address:**  
Street: ___________________________________________  
City: ___________________________________________  
State: ___________________________________________  
Zip: ___________________________________________

**Phone:** ___________________________  
**Work Phone:** ___________________________  
**E-mail:** ___________________________

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<td>Library Materials for Secondary Schools</td>
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<td>IME 5023</td>
<td>Materials Selection</td>
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<td>IME 5053</td>
<td>School Library Administration and Internship</td>
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<tr>
<td>IME 5133</td>
<td>Graphic and Video Production (Prerequisite IME 3312)</td>
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<tr>
<td>IME 5223</td>
<td>PR and Information Skills</td>
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<td>IME 5233</td>
<td>Library Materials for Elementary Schools</td>
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<td>IME 5423</td>
<td>Reference and Bibliography</td>
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<td>IME 5453</td>
<td>Cataloging and Classification</td>
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<td>Instructional Design I</td>
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<td>IME 5243</td>
<td>Effective Writing in Instructional Technology</td>
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<td>IME 5863</td>
<td>Elements of Web Design</td>
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<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
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</table>

---

**Date Plan of Study**

________________________________________________________________________

**Student** ___________________________  
**Advisor** ___________________________

---

Revised Spring 2004
# UCO/HES  
## Nutrition and Food Management  
**Proposed Course Sequence for DI/MS Degree**

<table>
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<th>Number</th>
<th>Course</th>
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<td>Nutrition Assessment</td>
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<td>(DI) NTRN 5032</td>
<td>Nutrition Education</td>
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<tr>
<td>(DI) NTRN 5910</td>
<td>Societal Impact on Aging</td>
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<tr>
<td>8</td>
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<td><strong>FALL SEMESTER</strong></td>
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<tr>
<td>(1) PSY 5960</td>
<td>Intro to Health Psychology (Intercession)</td>
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<tr>
<td>(DI) NTRN 5892</td>
<td>Advanced Clinical Nutrition</td>
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<td>(DI) NTRN 5910</td>
<td>Food Service Financial Mgmt</td>
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<td>(DI) NTRN 5950</td>
<td>Internship: II</td>
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<td>(1) NURS 5103</td>
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<td>(1) GERO 5443</td>
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<td>Management of Nutrition</td>
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<td>(DI) NTRN 5950</td>
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<td>(2) PTE 5013</td>
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<td>(DI) NTRN 5960</td>
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<td><strong>TOTAL</strong></td>
<td><strong>32</strong></td>
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1. Those students, who wish to extend the graduate program over a longer time frame, may schedule these courses after completion of the DI requirements. All requirements for the DI must be completed with 24 months.

2. Those students, who wish to pursue a thesis instead of the non-theses masters, may develop their research proposal in this course.

(DI) Upon satisfactory completion of 20 hours of course work including the supervised practice component, the dietetic intern is eligible to take the Examination administered by the Commission on Dietetic Registration.

If a student enters the dietetic internship during the Summer semester (on or about July 1), they should complete the dietetic internship at the end of the Spring semester (mid-May). Those students entering the internship in January will complete the program at the end of the Fall semester (mid-December).
### ADVISEMENT WORKSHEET FOR THE

**MASTER OF EDUCATION DEGREE PROFESSIONAL HEALTH OCCUPATIONS**

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<th>SS #</th>
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Present teaching or Work Assignment

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**Required Courses**

- Required for Teacher Education Program for Standard teaching Certificate in Career and Technology Health Careers Education

**(A) EDUCATIONAL AND PSYCHOLOGICAL FOUNDATIONS (16-24 hours)**

1. The following courses or their equivalent required for all students.

   - **OCTE 5213 History & Philosophy of Career & Technology Education OR**
     - PTE 5112 Modern Philosophies of Education
   - **PTE 5203 Advanced Educational Psychology**
   - **ADED 5423 Instructional Evaluation in Training & Development**
   - **PTE 5901 Field Experience in Education (only for those seeking certification)**

2. Additional hours to be selected from the following:

   - **GUID 5013 Principles of Guidance and Counseling**
   - **ADED 5453 Psychology of Adult Development**
   - **SPED 5123 Teaching Individual with Disabilities**
   - **PTE 5013 Foundations of Educational Research**
   - **PTE 5153 Advanced Developmental Psychology in an Ed. Setting (Advanced Adolescent Psychology course can be substituted)**
   - **ADED 5073 Management of Adult Programs**
   - **OCTE 5082 Career Tech Student Orgs. (Recommended for Career Tech)**
   - **ADED 5133 Philosophical Foundations of Adult Education**
   - **ADED 5823 Nature & Characteristics of the Adult Learner**
   - **ADED 5342 Consulting Skills in Training & Development**
   - **OCTE 5352 Accommodating Special Needs in Occ & Tech Programs (*) (Recommended) This may substitute for SPED 5123**
   - **OCTE 5303 Overview of Occupational Education**
   - **ADED 5332 Motivating the Adult Learner**
   - **FNRL 5483 Psychology of Grief**
   - **ADED 5552 Facilitation Techniques for Adult Learners**
   - **ADED 5531 Training/Needs Analysis**
   - **ADED 5522 Creative Supervision Skills**
   - **OCTE 5582 Proposal Writing**
   - **ADED 5883 Transformational Learning for the Adult Learner**
   - **ADED 5642 Legal/Professional Issues in Occupational Education**
   - **PTE 5422 Technology for Secondary Teachers (or course equivalent)**
   - **SFTY 5013 Alcohol and Drug Education**

---

228
(B) EDUCATIONAL METHODS AND CURRICULUM
(8-12 hours)

1. The following courses or their equivalent required.

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>* ADED 5233 Curriculum Design for Training</td>
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<tr>
<td>* OCTE 5853 Methods of Teaching Occup/Tech</td>
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2. Two to six additional hours to be selected from the following:

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<tr>
<td>* OCTE 5172 Organization &amp; Administration of Health Occupations</td>
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<tr>
<td>* OCTE 5904 Practicum: Health Occupations Education (Required for all students)</td>
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(C) THESIS OPTION

1. Students in this program may elect to write a professional thesis no less than two (2) graduate hours and no more than four (4) graduate hours of credit.

(D) RELATED ELECTIVES TO TOTAL 32 GRADUATE HOURS
(Choose from the following or other approved courses limited to 4 hours.)
(Only 2 hours of Workshop apply for a Master’s Degree)

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<tr>
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<th>Completed</th>
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<tr>
<td>OCTE 5961-4 Institutes in Health Occupation Education</td>
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<tr>
<td>OCTE 5002 Workshop: School Nursing</td>
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<tr>
<td>OCTE 5962 Institute: School Nursing</td>
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<tr>
<td>OCTE 5723 Troubleshooting &amp; Maintaining a Computer Teaching Network</td>
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<tr>
<td>ADED 5961 Presentation Applications (*) Recommended</td>
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<td>* ADED 5961 Word Processing Applications</td>
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<td>ADED 5961 Spreadsheet Applications</td>
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(Two of the above 3 courses can substitute for PTE 5422)

Total Number of hours in Plan (32 minimum): 

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The professional health credentials required for admission have been met.

Professional Credential:

Karen L. Barnes, Ph.D., R.N. Date
Advisor

Student Date

Check below:
Seeking Standard Teaching Certificate in Career Tech Health Careers Education? _____ Yes _____ No

OK School Nursxe Certificate? Yes _____ No _____
# Master of Arts in Psychology (Counseling Major)

## Prerequisite Courses

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<th>Course Title</th>
<th>Hours</th>
<th>Semester</th>
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22 hours

## Core Courses

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SubTotal 19 hours

## Counseling Psychology Major Coursework (35-37 hours*)

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Must be completed before Practicum I & II

SubTotal 35-37 hours

## Capstone Experience

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SubTotal 4-6 hours

## Grand Total

60

* Schedule of course offerings may vary based on student need.
# Master of Arts in Psychology
## (Experimental Major)

### Prerequisite Courses

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### Core Courses

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**SubTotal**: 19 hours

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**SubTotal**: 3 hours

### General Experimental Option Course Work

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**SubTotal**: 18 hours*

**Grand Total**: 40 hours
# Master of Arts in Psychology (School Psychology Major)

## Prerequisite Courses

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## Core Courses

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SubTotal: 19 hours

## Capstone Experience

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SubTotal: 4 hours

## School Psychology Option Course Work

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SubTotal: 37 hours

**Grand Total: 60 hours**

*These courses are required for psychometry certification.

**One SPED course is required for psychometry certification.

Certification in school Psychology also requires six hours of internship: 5952-4 Internship in School Psychological Services (1200 clock hours)
# Master of Arts in Psychology
## (General Major)

### Prerequisite Courses 22 hours

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### General Psychology Major Coursework 19 hours

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</table>

Plus 13 hours of elective graduate psychology courses 13

SubTotal

GRAND TOTAL 32
## DEGREE PROGRAM OUTLINE

**NAME:** _________________________  **Banner # ________________________**  **DATE:** ____________________

### Master of Education in Reading.Standard Certificate in Reading

#### Area A – Reading Specialization (22 hours minimum)

1. **Theoretical Foundation of Reading (6 hrs.)**
   - READ 5623 — Foundation & Survey of Reading – Fall
   - READ 5663 — Theoretical Basis of Reading – Spring

2. **Diagnostic Assessments of Reading Disabilities (6 hrs)**
   - READ 5843 — *1 Diagnosis & Correction of Rdg. Disab. – Fall
   - READ 5443 — *2 Assess. Of Dyslexia & Related Rdg. Disor. – Spring

3. **Clinical and Classroom Experience (8 hrs)**
   - READ 5913 — *2 Balanced Readg-Phonemic Awareness through Comprehension ———— Fall
   - READ 5901 - Practicum: Classroom Field Experience – Fall & Spring
   - READ 5854 - *3 Clinical Practices in Reading – Summer

4. **Professional Development (2 hrs.)**
   - READ 5712 - Organization and Supervision of Readg Prog – Summer

*Note: These courses must be taken in sequential order according to the superscript numbers.*

**Total Area A Hours** _________

#### Area B – Professional Education Area (10 – 11 hrs)

Professional Education coursework designed to fulfill master's degree requirements shall be completed in each of the following areas for standard certification. A maximum of one course in each area will be counted.

1. **Research (2 – 3 hrs.)**
   - PTE 5013 – Foundations of Education Research

2. **Language and Literacy (2 – 3 hrs.)**
   - SPED 5102 Language Development in Special Ed.
   - READ 5912 – Seminar: Language Basics
   - ELED 5223 – Literature-Based Language Arts Instruction

3. **Measurement (2 – 3 hrs.)**
   - GUID 5333 – Individual Test Interpretation – Fall
   - PTE 5413 – Educational Statistics
   - PTE 5383 – Principles of Test and Measurements
   - PSYCH 5803 – Individual Testing Techniques – Wechsler

4. **Theories and Methods of Learning (2 – 3 hrs.)**
   - TESL 5962 – Inst-Multicultural Education – weekend sp.
   - PTE 5202 – Advanced Education Psychology
   - PTE 5822 – Advanced Psychology of Childhood
   - SPED 5443 – Behavior Management

**Total Area B Hours** _________

5. **Special Assignment (6 hrs.)**
   - READ 5913 – Seminar: Intro. To Alphabetic Phonics
   - READ 5913 – Seminar: Advanced Alphabetic Phonics

**Total Area A & B Hours** _________ **32**

Program completed: ________ yes ______ no

**Program Coordinator** ____________________________

**Signature**

email address: ______________________________________

Admissions-A:/Degree Program Outline / rev.3-03
SCHOOL COUNSELOR CERTIFICATION
IN GUIDANCE AND COUNSELING
(Must already possess a Master's Degree)

FORMAL PLAN OF STUDY

First Name: ______________________ Middle: ____________ Last Name: __________________________________________

ID Number: ______________________
Street: __________________________ City: __________________ State: ______ ZIP: _____________
Home Phone: __________________ Work Phone: __________________ email: __________________________
Where Employed: ______________________________________________________________________________
Teacher Certification/License: ____________________________________________________________________

Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5383</td>
<td>Principles of Tests and Measurements</td>
<td></td>
</tr>
<tr>
<td>PTE 5153</td>
<td>Advanced Developmental Psychology in an Educational Setting</td>
<td></td>
</tr>
<tr>
<td>GUID 5013</td>
<td>Principles of Guidance and Counseling</td>
<td></td>
</tr>
<tr>
<td>GUID 5163</td>
<td>Theories and Techniques of Individual School Counseling</td>
<td>GUID 5163</td>
</tr>
<tr>
<td>GUID 5133</td>
<td>Multicultural Counseling</td>
<td></td>
</tr>
<tr>
<td>GUID 5443</td>
<td>Career Guidance</td>
<td>GUID 5013 or concurrent enrollment</td>
</tr>
<tr>
<td>GUID 5113</td>
<td>Theories and Techniques of Group Counseling</td>
<td>GUID 5163</td>
</tr>
<tr>
<td>GUID 5153</td>
<td>Counseling Intervention Strategies</td>
<td>GUID 5163</td>
</tr>
<tr>
<td>GUID 5253</td>
<td>Developmental Guidance</td>
<td>GUID 5013 &amp; PTE 5153</td>
</tr>
<tr>
<td>*GUID 5953</td>
<td>Internship</td>
<td>GUID 5163, 5113, 5153, 100 hours in Counselor Education Clinic</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 hours in an accredited school site</td>
</tr>
</tbody>
</table>

* This is the last course in the sequence and requires permission. Application is made during the fall semester for the following spring semester and during the spring semester for the following fall semester. The application is available from faculty or the “Student Guide.” The portfolio must be turned in with the internship application for review. Both the “Student Guide” and the “Portfolio” are available on the Guidance and Counseling Web Site: http://www.educ.ucok.edu/subwebs/aps/jchandler/GUID
Total Hours: 30

Other: ______________________________________________________________________________________
Degree Worksheet/Plan of Study
Master of Education - SECONDARY EDUCATION MAJOR

NAME: __________________________  ID#: __________________________
ADDRESS: __________________________

Teaching Specialty ____________________________

18-hr. Major? (circle one) Yes No
If YES, then must complete a Formal Plan of Study!
Required for 18 hr. Major, a copy of this worksheet signed by advisors must be on file in Graduate Office.

Teaching Certificate? ____________________________

Graduation Date? Fall 20 ____________
Spring 20 ____________
Summer 20 ____________

3 Faculty Recommendations? ____________________________
Pick up forms in Graduate Office during 2nd semester Must be on file in Graduate Office

Hours taken at UCO ____________________________
Admitted to Candidacy? ____________________________
24 hours at UCO? ____________________________
Last 8 hours at UCO? ____________________________
16 hours at 5000 level? ____________________________
5000 level GPA 3.0 or higher? ____________________________

Total Hours OK? ____________________________
Limit 2 hours workshop? ____________________________

Hours over 6 years old? ____________________________
One-half credit for hours 6 - 10 years old, if approved by Department
NO credit for courses over 10 years old at the time of graduation

Graduate GPA 3.0 or higher? ____________________________
Limit 6 hours ‘C’? ____________________________
Applied for Graduation? ____________________________

Remarks ____________________________

GRADUATE CURRICULUM - 32 Hours Minimum
These courses will not be counted toward teacher certification requirements!
A. REQUIRED: — 12 hours
   Semester
   1. PTE 5013 Foundations of Ed Research .... (____)
   2. PTE 5203 Adv Educational Psychology..... (____)
   3. PTE 5832 Adv Psychology of Adolescence(____)
   4. One of the following three: ________________...... (____)
      PTE 5112 Modern Philosophies of Education
      PTE 5142 History of Education
      PTE 5172 Educational Sociology
   5. PTE 5892 Capstone Research Experience(____)
B. Professional Education electives: 3 hours
   PTE 5383 Principles of Tests & Measurements
   PTE 5322 Problems of Teach. in the Sec. Schl ______ ( )
   PTE 5413 Educational Statistics .................... (____)
   Any NOT taken for Area A
   PTE 5142 History of Education ....................... (____)
   PTE 5172 Educational Sociology ..................... (____)
   PTE 5112 Modern Philosophies of Ed............ (____)
II. TEACHING SPECIALTY ..................... 8 Hours Minimum
   NO courses used for certification requirements will be counted in this area.

   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________

III. APPROVED RELATED ELECTIVES ..................... 9 Hours
   Courses in this area may also be counted toward certification.

   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________
   ____________________________

TOTAL HOURS ____________

(education advisor’s signature)
## University of Central Oklahoma
### Special Education Master Plan of Study

**Revised 2/27/06**

### Curriculum

<table>
<thead>
<tr>
<th>Option</th>
<th>Grad Credits</th>
<th>Date accepted to UCO Graduate School</th>
<th>Date accepted into Professional Teacher Education</th>
<th>Projected Graduation Semester and Year</th>
<th>Master Plan of Study sent to Graduate Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>3722 Severe-Profound/Multiple Disabilities</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>3721 Mild-Moderate Disabilities</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
</tbody>
</table>

### Prerequisites Needed:

SPED 4123 or SPED 5123 Teaching Individuals with Disabilities must be taken prior to any core or specialization course. SPED 5303 Assessing the Exceptional Individual must be taken prior to or along with courses SPED 5653, SPED 5743, SPED 5763 or SPED 5693, SPED 5753, SPED 5773. Exceptions to the rule will be made only with department's approval.

Students who plan to **seek admission** to teacher education must have passed OGET. Students who plan to student teach must have passed the appropriate OSAT(s) prior to student teaching.

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

### A. Area 1: Research

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester/Yr. Scheduled</th>
<th>Grade</th>
<th>Grad Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013 Foundations of Educational Research</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
</tbody>
</table>

### B. Area 2: Special Education Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester/Yr. Scheduled</th>
<th>Grade</th>
<th>Grad Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 5102 Language Development in Special Education</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5212 Legal Aspects in Special Education</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5303 Assessing the Exceptional Individual</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5443 Behavioral/Classroom Management</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5452 Curriculum Modification/Assistive Technology</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5582 Secondary Special Education</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5912 Educ. Strategies for Young Children with Special Needs</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>READ 5833 Diagnosis/Intervention in Reading</td>
<td>_______</td>
<td>_______</td>
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</tr>
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</table>

### C. Area 3: Specialization Area

#### Mild-Moderate Disabilities

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester/Yr. Scheduled</th>
<th>Grade</th>
<th>Grad Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 5242 Foundations of Mild/Moderate Disabilities</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5653 Procedures for Mild-Moderate Learning Disability</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5743 Procedures for Mild-Moderate Emotional/Behav. Dis.</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5763 Procedures for Mild-Moderate Mental Retardation</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5842 Curriculum Development for Mild/Moderate Disabilities</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5901 Practicum in Special Education (Mild-Mod. Disabilities)</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5901 Practicum in Spec. Ed. (Emotional/Behav. Disabilities)</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
</tbody>
</table>

#### OR

#### Severe-Profound/Multiple Disabilities

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester/Yr. Scheduled</th>
<th>Grade</th>
<th>Grad Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 5252 Foundations of Severe-Profound Disabilities</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5693 Procedures for Severe-Prof. Phys. &amp; Health Disabilities</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5753 Procedures for Severe-Prof. E/BD</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5773 Procedures for Severe-Prof. Mental Retardation</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5852 Curriculum Development for Severe-Prof. Disabilities</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5901 Practicum in Special Education (Severe/Prof. Multi. Dis.)</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>SPED 5901 Practicum in Spec. Ed. (Emotional/Behav. Disabilities)</td>
<td>_______</td>
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</tbody>
</table>
### D. Area 4: Special Education Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 5912</td>
<td>Autism and TBI</td>
</tr>
<tr>
<td>SPED 5913</td>
<td>Counseling Families of Exceptional Children</td>
</tr>
<tr>
<td>SPED 5912</td>
<td>Current Issues in Special Education</td>
</tr>
<tr>
<td>SPED 5912</td>
<td>Attention Deficit Disorder</td>
</tr>
</tbody>
</table>

**TOTAL** Special Education Hours Required for Master’s Degree: 37

Are there prerequisites needed by this student in addition to the 37 hours required for this degree?  
[ ] Yes  [ ] No

Certification and prerequisites needed are listed below as:

**See Mr. Deering for final review**

### E. Hours Required for Teacher Certification (28)

<table>
<thead>
<tr>
<th>Semester/Yr. Scheduled</th>
<th>Grade</th>
<th>Grad Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Teacher Education &amp; Curriculum Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTE 3023 Foundations of American Education</td>
<td></td>
<td></td>
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<tr>
<td>IME 3312 Instructional Technology</td>
<td></td>
<td></td>
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<tr>
<td>PTE 4812 Contemporary Issues</td>
<td></td>
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<tr>
<td>PTE 4852 Instructional Designs</td>
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<tr>
<td>PTE 4848 Observation &amp; Student Teaching</td>
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<tr>
<td>SPED 5123 Teaching Individuals with Disabilities</td>
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<tr>
<td>PTE 5153 Advanced Developmental Psych. Educational Setting</td>
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<tr>
<td>PTE 5383 Principles of Tests and Measurements</td>
<td></td>
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<tr>
<td>PTE 5203 Advanced Educational Psychology</td>
<td></td>
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</table>

### Academic Content Areas (25)

<table>
<thead>
<tr>
<th>English (3 hours required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one from the following:</td>
</tr>
<tr>
<td>ENGL 2413 Fundamentals of Literature</td>
</tr>
<tr>
<td>ENGL 2883 American Literature</td>
</tr>
<tr>
<td>ENGL 2653 English Literature Since 1800</td>
</tr>
<tr>
<td>ENGL 4823 Ethnic American Literature</td>
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</table>

<table>
<thead>
<tr>
<th>Math (3 hours required)</th>
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</thead>
<tbody>
<tr>
<td>MATH 2013 Structures of Math</td>
</tr>
<tr>
<td>MATH 2023 Foundations of Geometry and Measurement</td>
</tr>
<tr>
<td>MATH 2113 Analysis of Data and Chance</td>
</tr>
<tr>
<td>MATH 2133 Patterns and Functions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science (4 hours required)</th>
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</thead>
<tbody>
<tr>
<td>PHY 3014 Earth Science</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Studies (6 hours required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 2303 Regional Geography of the World</td>
</tr>
<tr>
<td>HIST 1493 History of the United States from 1877</td>
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</table>

**Masters Degree Coursework:**

<table>
<thead>
<tr>
<th>Research (3)</th>
<th>Special Ed Core (19)</th>
<th>Specialization Area (15)</th>
<th>Total (37)</th>
</tr>
</thead>
</table>

**Non-Master’s Degree Courses:**

<table>
<thead>
<tr>
<th>Professional Teacher Ed (28)</th>
<th>Academic Content Areas (25)</th>
<th>Other Graduate Hours</th>
<th>TOTAL NON-Masters Credit (53)</th>
</tr>
</thead>
</table>

---

Student’s Signature ___________________________ Date ____________

Advisor’s Signature ___________________________ Date ____________
Speech Language Pathology – Plan of Study  
Course Sequence for M.S. Degree

<table>
<thead>
<tr>
<th>Number</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1ST SUMMER SEMESTER</strong></td>
<td></td>
</tr>
<tr>
<td>SLP 5243</td>
<td>Diagnostic Methods in SLP</td>
</tr>
<tr>
<td>SLP 5363</td>
<td>Aphasia I</td>
</tr>
<tr>
<td>SLP 5913</td>
<td>Neuroscience in SLP</td>
</tr>
<tr>
<td><strong>1ST FALL SEMESTER</strong></td>
<td></td>
</tr>
<tr>
<td>SLP 5292</td>
<td>Aphasia II</td>
</tr>
<tr>
<td>SLP 5252</td>
<td>Advance Normal Language</td>
</tr>
<tr>
<td>SLP 5282</td>
<td>Advanced Articulation Disorders</td>
</tr>
<tr>
<td>SLP 5332</td>
<td>Legal Aspects in SLP</td>
</tr>
<tr>
<td>SLP 5232</td>
<td>Communication Disorders in Infants and Toddlers</td>
</tr>
<tr>
<td>SLP 5900</td>
<td>Clinical Practicum</td>
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<tr>
<td><strong>1ST SPRING SEMESTER</strong></td>
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<tr>
<td>SLP 5343</td>
<td>Dysphagia</td>
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<tr>
<td>SLP 5262</td>
<td>Advanced Language Disorders</td>
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<tr>
<td>SLP 5302</td>
<td>Augmentation Communication</td>
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<tr>
<td>SLP 5113</td>
<td>Speech and Hearing Science</td>
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<tr>
<td>SLP 5352</td>
<td>Cleft Palate</td>
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<tr>
<td>SLP 5000</td>
<td>Clinical Practicum</td>
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<tr>
<td><strong>2ND SUMMER SEMESTER</strong></td>
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<tr>
<td>PTE 5013</td>
<td>Foundations of Educational Research</td>
</tr>
<tr>
<td>SLP 5900</td>
<td>Clinical Practicum</td>
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<td><strong>2ND FALL SEMESTER</strong></td>
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<tr>
<td>SLP 5900</td>
<td>Internship (P.S. School or Medical Setting)</td>
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<tr>
<td>SLP 5952</td>
<td>Evaluating Clinical Effectiveness</td>
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<tr>
<td><strong>2ND SPRING SEMESTER</strong></td>
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<tr>
<td>SLP 5900</td>
<td>Internship (P.S. School or Medical Setting)</td>
</tr>
</tbody>
</table>
Program: Wellness Management  
Degree: Master of Science

Exercise Science Option ........................................................................................................... 32 hrs

Core Courses .................................................................................................................................. 15 hrs

- KINS 5213 Leadership in Health, Fitness, and Wellness Programs
- KINS 5113 Legal and Ethical Principles of Wellness Management
- PHED 5393 Research in Health Education and Physical Education
- HLTH 5313 Wellness Intervention Strategies and Skills
- KINS 5223 Technology and Media for Wellness Managers

Required Courses ................................................................................................................ 11-13 hrs

- PHED 5303 Physiological Basis of Human Performance - (to be taken the 1st fall of grad. prog.)
  (Prereq: Anatomy, Physiology of Exercise)
- KINS 5303 Diagnostic Tests and Exercise Prescription - (to be taken 2nd fall of grad. prog.)
  (Prereq: Exercise Prescript)
- KINS 5333 Rehabilitative Exercise for Special Populations - (to be taken the 2nd spring of the grad. prog.)
- KINS 5952-4 Internship OR
- KINS 5992-4 Thesis

Elective Courses in Exercise Science ...................................................................................... to total 32 hours

- GERO 5363 Psychology of Aging
- GERO 5443 Biology of Human Aging
- NTRN 5032 Nutrition Education
- KINS 5423 Strength Development and Training Methods (summer)
- KINS 5403 Biomechanical Analysis (offered odd Springs)
  (Prereq: Kinesiology or Biomechanics or Mechanical Principles & Analysis of Movement)

revised 7/9/04
Program: Wellness Management  
Degree: Master of Science

Health Studies Option ..........................................................................................................................32 hrs  
Core Courses ........................................................................................................................................ 15 hrs  
KINS 5213 Leadership in Health, Fitness, and Wellness Programs  
KINS 5113 Legal and Ethical Principles of Wellness Management  
PHED 5393 Research in Health Education and Physical Education  
HLTH 5313 Wellness Intervention Strategies and Skills  
KINS 5223 Technology and Media for Wellness Managers

Required Course ................................................................................................................................ 2-4 hrs  
KINS 5952-4 Internship OR  
HLTH 5992-4 Thesis

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

Elective Area A ......................................................................................................................................15 hours  
GERO 5023 Orientation to Gerontology  
SOC 5053 Sociology of Aging  
GERO 5363 Psychology of Aging  
GERO 5463 Bereavement Counseling  
GERO 5213 Health and Social Services for Seniors  
GERO 5342 Politics of Aging  
NTRN 5910 Special Topics in Nutrition and Food Mgmt. (1-3 hours, department approval required)  
ADED 5883 Transformational Learning  
GERO 5443 Biology of Human Aging

Elective Area B ......................................................................................................................................15 hours  
NTRN 5032 Nutrition Education  
NTRN 5910 Special Topics in Nutrition and Food Management (1-3 hours, department approval required)  
OCTE 5172 Organization and Administration of Health Occupations  
OCTE 5323 Methods of Teaching in Health Occupations  
ADED 5233 Curriculum Design in Education  
SFTY 5123 Industrial Hygiene  
FMCD 5373 Life-Span Human Development in Child and Family Studies  
ADED 5453 Psychology of Adult Development  
ADED 5883 Transformational Learning

Elective Area C ......................................................................................................................................15 hours  
SOC 5233 Human Behavior and Social Environment  
SAS 5303 Substance Abuse and Special Populations  
SOC 5463 The Abused  
SAS 5343 Prevention and Education in Substance Abuse Studies  
SAS 5910 Dual Diagnosis  
SAS 5910 Special Topics in Substance Abuse Studies (1-6 hours, department approval required)  
CJ 5423 Child Abuse and Neglect Law

revised 4/20/05
College of Liberal Arts Plans of Study
PLAN OF STUDY
MASTER OF ARTS IN CRIMINAL JUSTICE MANAGEMENT AND ADMINISTRATION
Student’s Master’s Degree Plan for Criminal Justice*

Name: _________________________________________________ UCO Student ID# ______________________
Address: ___________________________________________ City/State: _______________________ Zip Code: ____________
Telephone _____________________________ Estimated Date of Graduation: _____________________________
E-mail address: _____________________________________________

Advisory Committee: Dr. Sid Brown (Chairman)

Prerequisites:

Admission to Graduate College? Yes ____ No ____ Index Number: __________
Required GPA? Yes ____ No ____

Undergraduate Prerequisites:

<table>
<thead>
<tr>
<th>Undergraduate Prerequisites</th>
<th>Completed</th>
<th>Deficient</th>
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<tbody>
<tr>
<td>*1. Administration of Justice</td>
<td>__________</td>
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<tr>
<td>*2. Juvenile Delinquency</td>
<td>__________</td>
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<tr>
<td>*3. Police Administration &amp; Organization</td>
<td>__________</td>
<td>__________</td>
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<tr>
<td>*4. Administration of Correctional Institutions</td>
<td>__________</td>
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<tr>
<td>5. Criminology</td>
<td>__________</td>
<td>__________</td>
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<tr>
<td>6. Ethics &amp; Criminal Justice</td>
<td>__________</td>
<td>__________</td>
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<tr>
<td>7. Research Methodology in Criminal Justice</td>
<td>__________</td>
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</tbody>
</table>

*Undergraduate prerequisites must be completed before taking graduate core courses in Section “A” herein below but other 5000 level courses may be taken. See Graduate Advisor for more details.

Core Course Requirements:

A. Twelve (12) hours of core courses in Criminal Justice (5000 level)

<table>
<thead>
<tr>
<th>Courses Completed</th>
<th>Courses Not Yet Taken</th>
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</thead>
<tbody>
<tr>
<td>Hours</td>
<td>Semester/Year</td>
</tr>
<tr>
<td>CJ 5013 Juvenile Justice Mgmt. &amp; Admin.</td>
<td>___________________</td>
</tr>
<tr>
<td>CJ 5053 CJ Systems Mgmt/Admin.</td>
<td>___________________</td>
</tr>
<tr>
<td>CJ 5133 Correctional System Mgmt &amp; Admin.</td>
<td>___________________</td>
</tr>
<tr>
<td>CJ 5093 Police Management &amp; Administration</td>
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</table>

Total: __________ | Total: _________

B. Other Criminal Justice Courses

<table>
<thead>
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<th>Course Number</th>
<th>Name of Course</th>
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<th>Courses Not Yet Taken</th>
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<tbody>
<tr>
<td>Hours</td>
<td>Semester/Year</td>
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Criminal Justice

Revision: 4-21-05

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### C. Sociology

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### D. Substance Abuse Studies

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### E. Other Courses Taken

(Must have Graduate CJ Advisor’s approval before taking)

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<th>Prefix/Course #</th>
<th>Name of Course</th>
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</table>

### F. Thesis CJ 5994

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### G. TOTAL OF ALL HOURS

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Final Checklist:

1. Total 5000 level courses
2. Thirty-six (36) hours (Thesis)
3. Thirty-six (36) hours (Non-Thesis)
4. No more than six (6) hours of the grade of C
5. 3.00 G.P.A.
6. Date passed comprehensive exam for degree
7. Date passed oral exam over thesis
8. Date Certified for Graduation

Approved by advisory committee

Dr. Sid Brown, Chairman Date
PLAN OF STUDY FOR
MASTER OF ARTS IN ENGLISH
with emphasis in
Composition and Rhetoric

STUDENT NAME

Student ID #:

I. Prerequisites

UNDERGRADUATE ENGLISH ABOVE THE FRESHMAN LEVEL
(Note: 24 hours minimum. These courses cannot be used to satisfy graduate area requirements)

<table>
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Total Hours of Undergraduate English: Undergraduate GPA (minimum 2.75)

ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES:

<table>
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<th>Course Title</th>
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II. GRADUATE OPTION IN MA ENGLISH DEGREE (Please “X” by emphasis)

Traditional Studies
Composition and Rhetoric
Creative Writing
TESL
III. GRADUATE PROGRAM REQUIREMENTS
Composition and Rhetoric

RESEARCH COURSE: (Indicate course taken)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Prefix</th>
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<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
</tr>
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<tbody>
<tr>
<td>Bibliography and Methods of Research</td>
<td>ENG</td>
<td>5013</td>
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<tr>
<td>Composition Theory and Research</td>
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<td>5783</td>
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PROGRAM REQUIREMENTS (9 hours)

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<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Year</th>
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<tbody>
<tr>
<td>History of Rhetoric to 1700</td>
<td>ENG</td>
<td>5553</td>
<td>3</td>
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<tr>
<td>History of Rhetoric Since 1700</td>
<td>ENG</td>
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<td>Composition Pedagogies</td>
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<td>5723</td>
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9-HOUR CONCENTRATION (see catalog for approved list)

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ELECTIVES (to complete minimum 32 hours--at least 20 hours with ENG prefix)

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<th>Prefix</th>
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<th>Grade</th>
<th>Hours</th>
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GRADUATE TRANSFER HOURS (9 hours maximum)

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<th>Grade</th>
<th>Hours</th>
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LANGUAGE REQUIREMENT

SATISFIED LANGUAGE REQUIREMENT (6 credit hours)

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Passed Language Exam (Indicate when, where, and number of credit hours)
**COMMITTEE**

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**THESIS**

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<th>Semester</th>
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<td>Title</td>
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<tr>
<td>Director</td>
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**OR**

**COMPREHENSIVE EXAMS**

___________ Date ________ Pass ________ Fail

__________________________________________  __________________________________________________

Director of Graduate Studies                                Student

__________________________  __________________________

Date                                                               Date
# PLAN OF STUDY FOR

**MASTER OF ARTS IN ENGLISH**

with emphasis in

**20th & 21st Century Studies: FILM**

---

**STUDENT NAME**

Student ID #: ________________

## I. PREREQUISITES

**UNDERGRADUATE ENGLISH COURSES**

(Note: 24 hrs. minimum. These courses cannot be used to satisfy graduate area requirements)

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<th>Prefix</th>
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<th>Grade</th>
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**Total Hours of Undergraduate English:**

**Undergraduate GPA (minimum 2.75):**

**ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES**

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### GRADUATE PROGRAM REQUIREMENTS

#### PLANNED PROGRAM CORE (12 hours)

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<th>Prefix</th>
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<td>Studies in Literary Criticism</td>
<td>ENG</td>
<td>5113</td>
<td></td>
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<tr>
<td>Literature to 1700</td>
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<tr>
<td>Literature to 1900 (excl. single-author courses)</td>
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#### SATISFIED PROGRAM CORE (12 hours)

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<tbody>
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#### PLANNED PROGRAM REQUIREMENTS (18 hours)

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<td>Methods of Film Research</td>
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<td>Studies in Film Criticism</td>
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<td>Theories of Film History</td>
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<tr>
<td>Classical Hollywood Cinema</td>
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<tr>
<td>Approved Film Studies electives</td>
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#### SATISFIED PROGRAM REQUIREMENTS (18 hours)

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<tr>
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<th>Prefix</th>
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<th>Hours</th>
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#### ELECTIVES (to complete minimum 32 hours--at least 20 hours with ENG prefix)

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#### GRADUATE TRANSFER HOURS (9 hours maximum)

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**LANGUAGE REQUIREMENT**

**SATISFIED LANGUAGE REQUIREMENT (6 credit hours)**

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Passed Language Exam (Indicate when, where, and number of credit hours)

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**COMMITTEE**

Chair: ________________________________________________

Member: ________________________________________________

Member: ________________________________________________

**THESIS**

(optional—4 hours maximum)

<table>
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<th>Title</th>
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Director: ________________________________________________

**OR COMPREHENSIVE EXAMS**

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Director of Graduate Studies

Student

Date

Date
# PLAN OF STUDY FOR

**MASTER OF ARTS IN ENGLISH**

with emphasis in

**20th & 21st Century Studies: LITERATURE**

---

**STUDENT NAME**

Student ID #: [__]  

---

## I. PREREQUISITES

**UNDERGRADUATE ENGLISH COURSES**

(Note: 24 hrs. minimum. These courses cannot be used to satisfy graduate area requirements)

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<th>Hours</th>
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Total Hours of Undergraduate English: [__]

Undergraduate GPA (minimum 2.75): [__]

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**ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES**

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## 20th & 21st Century Studies: LITERATURE

### GRADUATE PROGRAM REQUIREMENTS

#### PLANNED PROGRAM CORE (12 hours)

<table>
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<th>Prefix</th>
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<th>Sem</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>Studies in Literary Criticism</td>
<td>ENG</td>
<td>5113</td>
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<td>Literature to 1700</td>
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<td>Literature to 1900 (excl. single-author courses)</td>
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<td>Literature to 1900 (excl. single-author courses)</td>
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#### SATISFIED PROGRAM CORE (12 hours)

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<th>Year</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>Studies in Literary Criticism</td>
<td>ENG</td>
<td>5113</td>
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#### PLANNED PROGRAM REQUIREMENTS (18 hours)

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<th>Prefix</th>
<th>Course#</th>
<th>Sem</th>
<th>Year</th>
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<tr>
<td>Bibliography and Methods of Research</td>
<td>ENG</td>
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<td>ENG</td>
<td></td>
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<tr>
<td>American Lit of the 20th &amp;/or 21st Century</td>
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<td>Total for 4,5 &amp; 6 = 9 hours</td>
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#### SATISFIED PROGRAM REQUIREMENTS (18 hours)

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<th>Course Title</th>
<th>Prefix</th>
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<th>Hours</th>
<th>Sem</th>
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<th>Instructor</th>
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<td>Bibliography &amp; Methods of Research</td>
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#### ELECTIVES (to complete minimum 32 hours--at least 20 hours with ENG prefix)

<table>
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<tr>
<th>Course Title</th>
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<th>Hours</th>
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#### GRADUATE TRANSFER HOURS (9 hours maximum)

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<th>Hours</th>
<th>Sem</th>
<th>Year</th>
<th>Institution</th>
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**LANGUAGE REQUIREMENT**

**SATISFIED LANGUAGE REQUIREMENT (6 credit hours)**

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Passed Language Exam (Indicate when, where, and number of credit hours)

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**COMMITTEE**

Chair: ____________________________________________________

Member: __________________________________________________

Member: __________________________________________________

**THESIS**

(optional--4 hours maximum)

<table>
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<th>Grade</th>
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Title: __________________________________________________

Director: ________________________________________________

**OR COMPREHENSIVE EXAMS**

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Director of Graduate Studies

Date

Student

Date
PLAN OF STUDY FOR  
MASTER OF ARTS IN ENGLISH  
with emphasis in  
Creative Writing

STUDENT NAME

Student ID #:  

I. Prerequisites

| UNDERGRADUATE ENGLISH COURSES |  |  |  |  |
|-------------------------------|---|---|---|
| (Note: 24 hrs. minimum. These courses cannot be used to satisfy graduate area requirements) |  |  |  |  |
| **Course Title** | **Prefix** | **Course#** | **Grade** | **Hours** |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |

Total Hours of Undergraduate English:  
Undergraduate GPA (minimum 2.75):

| ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES |  |  |  |  |
|--------------------------------------------------------|---|---|---|
| **Course Title** | **Prefix** | **Course#** | **Grade** | **Hours** |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
## Creative Writing

### Graduate Program Requirements

#### Research Course (Indicate course taken)

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<th>Sem</th>
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#### Planned Area Requirements (5 of 7 areas required)

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<td>16th-century Literature</td>
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<td>17th-century Literature</td>
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#### Satisfied Area Requirements (5 of 7 areas required)

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#### 6 Hours Writing Courses in Genre of Thesis

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<th>Year</th>
<th>Instructor</th>
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</table>

#### Electives (to complete minimum 32 hours)

<table>
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<th>Course Title</th>
<th>Prefix</th>
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#### Graduate Transfer Hours (9 hours maximum)

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<th>Hours</th>
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</table>
### LANGUAGE REQUIREMENT (May be completed with Literature in Translation courses)

(‘Note: Students for whom English is a second language are exempt from this requirement)

#### SATISFIED LANGUAGE REQUIREMENT (6 credit hours)

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Passed Language Exam (Indicate when, where, and number of credit hours)

<table>
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<th>Location:</th>
<th>Total Credit Hours:</th>
</tr>
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### COMMITTEE

Chair:  
Member:  
Member:  

### THESIS (4 credit hours required)

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<table>
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Director of Graduate Studies  
Student  

Date  
Date
# PLAN OF STUDY FOR
## MASTER OF ARTS IN ENGLISH
with emphasis in

Teaching English as a Second Language

---

### STUDENT NAME

Student ID #:

---

### I. Prerequisites

#### UNDERGRADUATE ENGLISH COURSES
(Note: 15 hrs. minimum. These courses cannot be used to satisfy graduate area requirements)

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<th>Hours</th>
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Total Hours of Undergraduate English:

Undergraduate GPA (minimum 2.5):

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#### ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES

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# GRADUATE PROGRAM REQUIREMENTS

## RESEARCH COURSE (Indicate course taken)

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<th>Grade</th>
<th>Hours</th>
<th>Sem</th>
<th>Year</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>Bibliography &amp; Methods of Research</td>
<td>ENG</td>
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## PLANNED PROGRAM REQUIREMENTS

<table>
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<th>Area #</th>
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<th>Course#</th>
<th>Sem</th>
<th>Year</th>
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<td>Literature After 1900</td>
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<td>5313</td>
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## SATISFIED PROGRAM REQUIREMENTS

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<th>Course Title</th>
<th>Prefix</th>
<th>Course#</th>
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<th>Hours</th>
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## ELECTIVES (to complete minimum 32 hours including 20 hours with ENG prefix)

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## GRADUATE TRANSFER HOURS (9 hours maximum)

<table>
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</table>
# LANGUAGE REQUIREMENT

(Note: Students for whom English is a second language are exempt from this requirement)

## SATISFIED LANGUAGE REQUIREMENT (6 credit hours)

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<th>Hours</th>
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<th>Year</th>
<th>University</th>
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<tbody>
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Passed Language Exam (Indicate when, where, and number of credit hours)

<table>
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<th>Date</th>
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<th>Total Credit Hours</th>
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## COMMITTEE

Chair:
Member:
Member:

## THESIS

(optional – 4 hours maximum)

<table>
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## OR

COMPREHENSIVE EXAMS

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Director of Graduate Studies

Student

Date

Date
PLAN OF STUDY FOR
MASTER OF ARTS IN ENGLISH
with emphasis in
Traditional Studies

STUDENT NAME

Student ID #:

I. PREREQUISITES

UNDERGRADUATE ENGLISH COURSES
(Note: 24 hrs. minimum. These courses cannot be used to satisfy graduate area requirements)

<table>
<thead>
<tr>
<th>Course Title</th>
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Total Hours of Undergraduate English:

Undergraduate GPA (minimum 2.75):

ENGLISH COURSES TO SATISFY UNDERGRADUATE DEFICIENCIES

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## GRADUATE PROGRAM REQUIREMENTS

### RESEARCH COURSE

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<tbody>
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### PLANNED AREA REQUIREMENTS (6 of 7 areas required)

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<td>E2</td>
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<td>British Literature of the 18th century</td>
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<td>Contemporary British or American Literature</td>
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### ELECTIVES (to complete minimum 32 hours including 24 hours with ENG prefix)

<table>
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<th>Prefix</th>
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<th>Grade</th>
<th>Hours</th>
<th>Sem</th>
<th>Year</th>
<th>Instructor</th>
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### GRADUATE TRANSFER HOURS (9 hours maximum)

<table>
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<th>Grade</th>
<th>Hours</th>
<th>Sem</th>
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### LANGUAGE REQUIREMENT

(Students for whom English is a second language are exempt from this requirement)

### SATISFIED LANGUAGE REQUIREMENT (6 credit hours)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Prefix</th>
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<th>Grade</th>
<th>Hours</th>
<th>Sem</th>
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Passed Language Exam (Indicate when, where, and number of credit hours)

<table>
<thead>
<tr>
<th>Date:</th>
<th>Location:</th>
<th>Total Credit Hours:</th>
</tr>
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<tr>
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### COMMITTEE

Chair: _______________________________________________________

Member: ______________________________________________________

Member: ______________________________________________________

### THESIS

(optional—4 hours maximum)

<table>
<thead>
<tr>
<th>Title:</th>
<th>Grade</th>
<th>Hours</th>
<th>Sem</th>
<th>Year</th>
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<table>
<thead>
<tr>
<th>Director:</th>
</tr>
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### OR COMPREHENSIVE EXAMS

<table>
<thead>
<tr>
<th>DATE</th>
<th>Pass</th>
<th>Fail</th>
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<tbody>
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_________________________  ___________________________
Director of Graduate Studies  Student

_________________________  ___________________________
Date  Date
# PLAN OF STUDY FOR MASTER OF ARTS IN HISTORY

**NAME** ___________________________________________  **STUDENT ID#** ________________

**DATE** ___________________________________________  **SOCIAL SECURITY #** ________________

**Course Requirements**  

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours Completed</th>
<th>To Be Completed</th>
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</thead>
<tbody>
<tr>
<td>A. 12 credit hours must be earned in courses taught only at the 5000 level.</td>
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<tr>
<td>Core Courses (6 hours):</td>
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<tr>
<td>HIST 5013 Historiography</td>
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</tr>
<tr>
<td>HIST 5910 Research Seminar in History</td>
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</tbody>
</table>

B. At least one course must be taken in each of the following categories.

- (United States History) |
- (European History) |
- (Asian, Latin American, and/or Middle Eastern History) |

C. At least 12 hours in one category of history is recommended. Courses taken to meet requirements A and B may be included in the 12 hours.

- Category: |

D. At least 6 hours in another category of history is recommended. Courses taken to meet requirements A and B may be included in the 6 hours.

- Category: |

E. Thesis (optional): 6 hours

F. Additional hours in history and/or other related areas, approved by the student’s advisory committee, to complete a total of 33 hours.

- | | |

**TOTAL: 33 HOURS**

Approved by Graduate Director ________________________________

Date:
# Department of History and Geography

**University of Central Oklahoma**

**Plan of Study: Master of Arts in History—Museum Studies**

Name: __________________________ SSN: ______________________ Date: ____________

Banner ID Number: ___________________________

## Course Requirements

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Core Curriculum: 18 Hours</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 5013 Historiography</td>
<td>_____________</td>
<td>_________</td>
</tr>
<tr>
<td>HIST 5910 Seminar in History</td>
<td>_____________</td>
<td>_________</td>
</tr>
<tr>
<td>HIST 5523 Museum Management</td>
<td>_____________</td>
<td>_________</td>
</tr>
<tr>
<td>HIST 5623 Museum Theory and Practice</td>
<td>_____________</td>
<td>_________</td>
</tr>
<tr>
<td>HIST 5950 Internship: 6 hours</td>
<td>_____________</td>
<td>_________</td>
</tr>
<tr>
<td><strong>B. 6 Hours History</strong></td>
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<td>__________________________</td>
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<tr>
<td><strong>C. 9 Hours history and/or electives approved by the student’s advisory committee; may include 6 hours of thesis</strong></td>
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<td>__________________________</td>
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<td>__________________________</td>
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<td>_________</td>
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<tr>
<td><strong>Thesis (optional): 6 hours</strong></td>
<td>_____________</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL: 33 HOURS**

Approved by Graduate Director ________________________________

Date ________________________________
**Plan of Study: Master of Arts in History—Social Studies Teaching**

Name: ___________________________ SSN: ___________________________ Date: __________

Banner ID Number: ___________________________

Course Requirements: (A minimum of 6 hours of the Social Studies courses must be seminars open only to graduate students)

<table>
<thead>
<tr>
<th>A. 6 Hours United States History</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>B. 6 Hours World History</th>
<th>Completed</th>
<th>To Do</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. 6 Hours Geography</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>D. 3 Hours Political Science</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>E. 3 Hours Political Science, Economics, or Sociology</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>F. 5-9 Hours Education: (The 5-9 hours in Teacher Education must be selected from the following:)</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. TCHED 5013 Foundations of Educational Research (3 hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. TCHED 5963 M &amp; M Middle School Teaching (0-3 hours) (Required only if TCHED 4973 M&amp;M in Middle School Teaching has not already been taken for undergraduate credit.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. 2-3 Hours from one of the Following:</td>
<td>Completed</td>
<td>To Do</td>
</tr>
<tr>
<td>TCHED 5113 Modern Philosophy of Education</td>
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<td></td>
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<tr>
<td>TCHED 5142 History of Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TCHED 5172 Educational Sociology</td>
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</table>

<table>
<thead>
<tr>
<th>G. 0-4 Hours Electives in Social Studies content areas: (If additional hours are needed to total 33 hours, they may be taken from areas A-E listed above.)</th>
<th>Completed</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**Oral Examination:** The Social Studies Teaching option is strictly non-thesis. The Examining Committees for this option will include three members from the content areas and one member from the College of Education.

**Portfolios:** Each student in the Social Studies Teaching option will also be required to keep a portfolio which will include samples of the student’s work in both the content and education classes. A copy of the portfolio guidelines will be provided by the Director of Graduate Studies in the Department of History and Geography when the student is admitted to the program.

Approved by Graduate Director: ____________________________________________________________

Date: ___________ revised 5/12/04 pnp
The Master of Arts in Political Science (all majors) requires a minimum of 36 semester hours, including a minimum of 18 hours in political science. Students may take course work in other disciplines as appropriate to their individual interests and program of study, with advisement. In completing the required 36 graduate hours for ALL MAJORS students must satisfy the requirements for the Common Core, Research Component, and the appropriate major, as indicated below.

**COMMON CORE** ................................................................................................................ 12 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5023 Scope of the Discipline</td>
<td></td>
</tr>
<tr>
<td>POL 5033 Research Methods</td>
<td></td>
</tr>
<tr>
<td>POL 5153 American Politics</td>
<td></td>
</tr>
<tr>
<td>POL 5813 Political Philosophy</td>
<td></td>
</tr>
</tbody>
</table>

**THESIS** ..................................................................................................................... 6 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5996 Thesis (6 hours)</td>
<td></td>
</tr>
</tbody>
</table>

**THESIS COMMITTEE MEMBERS**

1. _________________________________________ (CHAIR)

2. _________________________________________

3. _________________________________________

**COMPREHENSIVE EXAM**

Area of Emphasis ____________________________

Level of Achievement (circle one): High Pass Pass Failed First Time Failed Second Time

Date(s) Taken: ________________________________

Signature of Student __________________________

Signature of M.A. Advisor ______________________
**GENERAL POLITICAL SCIENCE MAJOR** ................................................................. 18 hours

This major is designed to enable students to achieve competence in the professional practice of political science — teaching, research, and related activities — through a program of study in which they acquire appropriate analytical skills, a general knowledge of the discipline, and more specific knowledge of selected subfields.

Required Courses (Two of the following:) ........................................................................ 6 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5223</td>
<td>The Presidency</td>
<td>( )</td>
</tr>
<tr>
<td>5253</td>
<td>The Congress</td>
<td>( )</td>
</tr>
<tr>
<td>5263</td>
<td>Judicial Process</td>
<td>( )</td>
</tr>
<tr>
<td>5603</td>
<td>Theories of International Relations</td>
<td>( )</td>
</tr>
<tr>
<td>5703</td>
<td>Theories of Comparative Politics</td>
<td>( )</td>
</tr>
<tr>
<td>5913</td>
<td>Seminar in Political Science (topics will vary)</td>
<td>( )</td>
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</tbody>
</table>

Electives ........................................................................................................... 12 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

**INTERNATIONAL AFFAIRS MAJOR** ........................................................................... 18 hours

This major is for students who desire to focus their graduate study in international and comparative politics. Students may choose to concentrate in either international political economy or foreign policy and security studies.

Required Courses ................................................................................................. 6 hours

| Course Code | Course Title                                      | Number | |
|-------------|---------------------------------------------------|--------|
| 5603        | Theories of International Relations               | ( )    |
| 5703        | Theories of Comparative Politics                  | ( )    |

Electives ........................................................................................................... 12 hours

| Course Code | Course Title                                      | Number | |
|-------------|---------------------------------------------------|--------|
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |

**PUBLIC ADMINISTRATION MAJOR** ........................................................................... 18 hours

The curriculum for this option is intended to provide students a foundation in public policy, with a particular emphasis on the urban context. Students may choose from courses in political science or related disciplines to pursue areas of interest within the broader field of urban affairs.

Required Courses ................................................................................................. 6 hours

| Course Code | Course Title                                      | Number | |
|-------------|---------------------------------------------------|--------|
| 5193        | Public Finance and Budgeting                      | ( )    |
| 5413        | Public Policy Analysis                            | ( )    |

Electives ........................................................................................................... 12 hours

| Course Code | Course Title                                      | Number | |
|-------------|---------------------------------------------------|--------|
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |
|             |                                                   | ( )    |
College of Mathematics and Science Plans of Study
# PLAN OF STUDY

## MASTER OF SCIENCE IN ENGINEERING PHYSICS

DEPARTMENT OF PHYSICS AND ENGINEERING
UNIVERSITY OF CENTRAL OKLAHOMA

Name __________________________________________  Student ID # __________________________

Address ________________________________________  Phone ______________________________

Street __________________________________________  Street ________________________________

City State Zip ____________________________________

### PHYSICS CORE:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
<th>Planned Semester of Completion</th>
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</thead>
<tbody>
<tr>
<td>PHY 5013</td>
<td>Mathematical Physics II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 5443</td>
<td>Quantum Mechanics</td>
<td>3</td>
<td></td>
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</tbody>
</table>

*In addition, at least four of the following courses are required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
<th>Planned Semester of Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 5023</td>
<td>Thermal Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGR 5163</td>
<td>Engineering Optics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGR 5443</td>
<td>Fluid Dynamics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGR 5613</td>
<td>Photonics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGR 5990</td>
<td>Thesis</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>PHY 5033</td>
<td>Nuclear Physics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 5043</td>
<td>Solid State Physics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 5063</td>
<td>Analytical Dynamics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 5083</td>
<td>Electromagnetic Radiation</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 5103</td>
<td>Classical Mechanics with Applications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 5203</td>
<td>Applied Electrodynamics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHY 5990</td>
<td>Thesis</td>
<td>6</td>
<td></td>
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</tbody>
</table>

**TOTAL CORE: 21 HOURS MINIMUM**

ENGR 5990 or PHY 5990 may only be taken by students electing the thesis option and may comprise up to a maximum of six semester hours.

### ELECTIVES:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Planned Semester of Completion</th>
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</thead>
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</table>

**TOTAL: 32 HOURS MINIMUM**

All electives must be approved by the student’s advisement committee and selected from graduate-level courses in physics, engineering, mathematics, computer science, chemistry, business, management, or related fields as approved by the student’s Advisement Committee.

### ADVISEMENT COMMITTEE

<table>
<thead>
<tr>
<th></th>
<th>Signed</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Chair</td>
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</table>

Revised 02/4/04
# PLAN OF STUDY

**MS in Forensic Sciences**  
**Criminalistics Major (6610)**

**Name:** ___________________________________________  
**Student ID #** _________________________________  
**Program Beginning Date** _____________________________

**UG GPA** __________  
**GRE:**  
  **V**: ______  
  **Q**: ______  
  **A**: ______

### Prerequisite Courses

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Name</th>
<th>SEM</th>
<th>CH</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

### Core Courses

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Name</th>
<th>SEM</th>
<th>CH</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ</td>
<td>5313</td>
<td>Ethics &amp; Testimony</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL</td>
<td>5323</td>
<td>The Constitution &amp; Criminal Procedure</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRSC</td>
<td>5143</td>
<td>Crime Scene Investigation &amp; Reconstruction</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>FRSC</td>
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<td>Physical Aspects of Forensic Science</td>
<td>2</td>
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<td>FRSC</td>
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### Required Courses

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Name</th>
<th>SEM</th>
<th>CH</th>
<th>Comments</th>
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<td>Biological Aspects of For. Sci. Lab</td>
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<tr>
<td>FRSC</td>
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<td>Forensic Toxicology and Lab</td>
<td>3</td>
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<tr>
<td>FRSC</td>
<td>5313</td>
<td>Death Investigation</td>
<td>3</td>
<td></td>
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<tr>
<td>FRSC</td>
<td>5333</td>
<td>Forensic Molecular Biology &amp; Lab</td>
<td>3</td>
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<tr>
<td>BIO</td>
<td>5743</td>
<td>Molecular &amp; Population Genetics</td>
<td>3</td>
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<td>FRSC</td>
<td>5902-4</td>
<td>Practicum in Forensic Science or</td>
<td>2 to 4</td>
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<tr>
<td>FRSC</td>
<td>5992-4</td>
<td>Thesis in Forensic Science</td>
<td>2 to 4</td>
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</table>

### Elective Courses

(Required Hrs + Elective Hrs must equal or exceed 21 Hrs.)

Courses may be selected from the following courses or others as approved by the Advisor.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Name</th>
<th>SEM</th>
<th>CH</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>5253</td>
<td></td>
<td>Forensic Science Analysis w/ Lab</td>
<td>3</td>
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<tr>
<td>5103</td>
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<td>Biochemistry II</td>
<td>3</td>
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<td>BIO</td>
<td>5723</td>
<td>Biometrics</td>
<td>3</td>
<td></td>
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<tr>
<td>BIO</td>
<td>5443</td>
<td>Microtechniques w/ Lab</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>BIO</td>
<td>5913</td>
<td>Electron Microscopy</td>
<td>3</td>
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Submitted by: ___________________________  
**Date:** ___________________________

Student Signature: ___________________________  
**Date:** ___________________________
### PLAN OF STUDY
#### MS in Forensic Sciences
**Technical Investigation Major (6612)**

**Name ___________________________**

**Student ID # _______________________**

**Program Beginning Date ___________________________**

**UG GPA ___________**

**GRE: V ________ Q ___________ A ___________**

**Prerequisite Courses**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Name</th>
<th>SEM</th>
<th>CH</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
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</table>

**Core Courses (13 hrs)**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Name</th>
<th>SEM</th>
<th>CH</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>CJ</td>
<td>5313</td>
<td>Ethics &amp; Testimony</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POL</td>
<td>5323</td>
<td>The Constitution &amp; Criminal Procedure</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>FRSC</td>
<td>5102</td>
<td>Physical Aspects of Forensic Science</td>
<td>2</td>
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<td></td>
</tr>
<tr>
<td>FRSC</td>
<td>5202</td>
<td>Biological Aspects of Forensic Science</td>
<td>2</td>
<td></td>
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<tr>
<td>FRSC</td>
<td>5143</td>
<td>Crime Scene Investigation and Reconstruction</td>
<td>3</td>
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**Required Courses**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Course Name</th>
<th>SEM</th>
<th>CH</th>
<th>Comments</th>
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<tbody>
<tr>
<td>FRSC</td>
<td>5413</td>
<td>Bloodstain Pattern Analysis I</td>
<td>3</td>
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<td>FRSC</td>
<td>5313</td>
<td>Death Investigation</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>CJ</td>
<td>5323</td>
<td>Victimology</td>
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<td>2 to 4</td>
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**Elective Courses** *(Required Hrs + Elective Hrs must equal or exceed 21 Hrs.)*

Courses may be selected from the following courses or others as approved by the Advisor.

<table>
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<th>Prefix</th>
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<th>CH</th>
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<td>From the Criminalistics or Nursing Majors for which prerequisites have been met.</td>
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</table>

Submitted by: ___________________________  Date: ___________________________

Student Signature: ___________________________  Date: ___________________________
Plan of Study for the Master’s of Applied Mathematics

Mathematics Major (6621)

Prerequisite Courses:

Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
Differential Equations (equivalent of MATH 3103)
Numerical Analysis I (equivalent of MATH 3263)
Mathematical Statistics I (equivalent of STAT 4113)
Analysis I or Advanced Calculus I (equivalent of MATH 4143)

Coursework for the degree:

Semester One:

Operations Research I (MATH 5113)
Advanced Calculus I (MATH 5143)
Mathematical Modeling (MATH 5453)

Semester Two:

Advanced Calculus II (MATH 5153)
Numerical Analysis II (MATH 5183)
Mathematical Statistics II (STAT 5123)

Semester Three:

Electives (6 hours)
Introduction to Graduate Research (MATH 5853)

Semester Four:

Electives (6 hours)
Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.
Plan of Study for the Master’s of Applied Mathematics

MATHEMATICS
Computer Science Major (6620)

Prerequisite Courses:

Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
Differential Equations (equivalent of MATH 3103)
Numerical Analysis I (equivalent of MATH 3263)
Mathematical Statistics I (equivalent of STAT 4113)
Analysis I or Advanced Calculus I (equivalent of MATH 4143)
Discrete Mathematics (equivalent of MATH 2123)
Programming I and II (equivalent of CMSC 1613 and CMSC 2613)
Assembly Language (equivalent of CMSC 2813)
Data Structures (equivalent of CMSC 3613)

Coursework for the degree:

Semester One:

Operations Research I (MATH 5113)
Advanced Calculus I (MATH 5143)
Programming Languages (CMSC 5023)

Semester Two:

Mathematical Statistics II (STAT 5123)
Networks (CMSC 5063)
File Structures (CMSC 5910)

Semester Three:

Electives (6 hours)
Introduction to Graduate Research (MATH 5853)

Semester Four:

Electives (6 hours)
Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.
Plan of Study for the Master’s of Applied Mathematics

MATHEMATICS
Statistics Major (6622)

Prerequisite Courses:

Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
Differential Equations (equivalent of MATH 3103)
Numerical Analysis I (equivalent of MATH 3263)
Mathematical Statistics I (equivalent of STAT 4113)
Analysis I or Advanced Calculus I (equivalent of MATH 4143)
Statistical Methods I (equivalent of STAT 3103)

Coursework for the degree:

Semester One:

Operations Research I (MATH 5113)
Advanced Calculus I (MATH 5143)
Statistical Methods II (STAT 5103)

Semester Two:

Mathematical Statistics II (STAT 5123)
Statistical Methods III (STAT 5213)
Elective (3 hours)

Semester Three:

Probability Theory (STAT 5353)
Introduction to Graduate Research (MATH 5853)
Elective (3 hours)

Semester Four:

Electives (6 hours)
Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.
Plan of Study for the Master’s of Applied Mathematics

**Mathematics Teaching Major (6623)**

**Prerequisite Courses:**

- Matrix Algebra or Linear Algebra (equivalent of MATH 3143)
- Differential Equations (equivalent of MATH 3103)
- Numerical Analysis I (equivalent of MATH 3263)
- Mathematical Statistics I (equivalent of STAT 4113)
- Analysis I or Advanced Calculus I (equivalent of MATH 4143)

**Coursework for the degree:**

**Semester One:**

- Operations Research I (MATH 5113)
- Real Number System (MATH 5103)
- Mathematical Modeling (MATH 5453)

**Semester Two:**

- Foundations of Mathematics (MATH 5203)
- Mathematical Statistics II (STAT 5123)
- Elective (3 hours)

**Semester Three:**

- Advanced Calculus I (MATH 5143)
- Introduction to Graduate Research (MATH 5853)
- Elective (3 hours)

**Semester Four:**

- Electives (6 hours)
- Project or Thesis or one additional elective course (3 hours)

*Students will complete master’s comprehensive exams in semester three or four.*
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The information contained in this catalog is subject to change before the next catalog is available. It is the student’s responsibility to be aware of current rules, regulations and procedures concerning graduate programs.