Contents - 2007-08 Graduate Catalog

Introduction to UCO .................................................................................................................. 3
Admission to Graduate College .................................................................................................. 17
Operations of JCGS&R ............................................................................................................. 29
College of Arts, Media & Design ............................................................................................. 34
  Master of Fine Arts - Design (M.F.A.) ...................................................................................... 42
  Master of Music (M.M.) .......................................................................................................... 44
  Master of Music in Jazz Studies (M.M.) .................................................................................. 46
College of Business Administration ......................................................................................... 49
  Master of Business Administration (M.B.A.) ......................................................................... 50
College of Education and Professional Studies ....................................................................... 53
  Adult Education (M.Ed.) ......................................................................................................... 54
  Early Childhood Education (M.Ed.) ....................................................................................... 55
  Education (M.Ed.) .................................................................................................................. 56
  Secondary Education Major (M.Ed.) ...................................................................................... 57
  Bilingual Education/TESL Major (M.Ed.) ............................................................................ 58
  Education Administration (M.Ed.) ....................................................................................... 60
  Elementary Education (M.Ed.) ............................................................................................. 61
  Family and Child Studies (M.S.) .......................................................................................... 62
  Guidance and Counseling (M.Ed.) ....................................................................................... 64
  Instructional Media (M.Ed.) .................................................................................................. 66
  Nutrition & Food Management (M.S.) .................................................................................. 67
  Professional Health Occupations (M.Ed.) ........................................................................... 68
  Psychology (M.A.) ................................................................................................................. 70
  Reading (M.Ed.) .................................................................................................................... 73
  Special Education (M.Ed.) .................................................................................................... 74
  Speech-Language Pathology (M.S.) ..................................................................................... 75
  Wellness Management (M.S.) ............................................................................................... 76
  Certification Programs ........................................................................................................... 79
College of Liberal Arts ............................................................................................................ 91
  Criminal Justice Management & Administration (M.A.) ....................................................... 92
  English (M.A.) ........................................................................................................................ 94
  History (M.A.) ........................................................................................................................ 99
  Political Science (M.A.) ......................................................................................................... 101
  International Studies Program ............................................................................................ 103
College of Mathematics and Science ..................................................................................... 105
  Applied Mathematical Science (M.S.) .................................................................................. 106
  Biology (M.S.) ....................................................................................................................... 108
  Engineering Physics (M.S.) .................................................................................................. 110
  Forensic Science (M.S.) ......................................................................................................... 112
Graduate Faculty ..................................................................................................................... 115
Graduate Course Descriptions ................................................................................................ 133
Index ....................................................................................................................................... 205
Introduction to the University of Central Oklahoma
Introduction to UCO

Graduate Programs and Advisors
6 Master’s Degrees, 29 programs, 52 majors

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

Jazz Studies
Performance - 1620; Commercial Production - 1621
Brian Gorrell
Jazz Lab, 359-7989, x278, bgorrell@ucok.edu

College of Business Administration

Master of Business Administration (M.B.A.)
MBA program - 2600
Dr. Robert Epstein,
Director of CBA Graduate Studies
TTH 132, 974-5678, repstein@ucok.edu
Ms. Dawna Terrell
Director of MBA Program
BUS 100F, 974-2422, dterrell@ucok.edu

College of Education & Professional Studies

Director of Graduate Advisement
Ms. Stephanie Beauchamp
EDU 205, 974-5105, sbeauchamp@ucok.edu

Program Coordinator
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

Graduate Administration - 3600
Dr. J. Kirk Webster, Interim
LIB 124, 974-5448, jwebster9@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
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, mmontfort@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 Yould
EDU 307G, 974-5676, lyould@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

College of Education & Professional Studies continued on page 5
Introduction to UCO

College of Education continued from page 4

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
Dr. Donna Cobb
WH 102, 974-5230, dcobb@ucok.edu
Health Studies - 3671
Dr. Diane Rudebock
WAH 101B, 974-5216, crudebock@ucok.edu

Certification
Teacher Certification
Ms. Karen Davis
EDU 207, 974-5710, kdavis@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

English
Composition & Rhetoric - 5606
20th/21st Century Studies - 5605
Creative Writing - 5602
Teaching English as a Second Language - 5603
Traditional Studies - 5604
Dr. Amy Carrell
LAR 101A, 974-5609, acarrell@ucok.edu

Graduate Programs and Advisors
6 Master's Degrees, 29 programs, 52 majors

History
General - 5610
Museum Studies - 5611
Social Studies Teaching - 5612
Dr. Kenny Brown
LAR 202 D, 974-5356, kebrown@ucok.edu

Political Science
General - 5620
International Relations - 5621
Public Administration - 5622
Dr. Jan Hardt
LAR 102B, 974-5840, jhardt@ucok.edu

Liberal Arts non-degree code-5999

College of Mathematics & Science

Master of Science (M.S.)
Applied Mathematical Science
Computer Science - 6620
Mathematics - 6621
Statistics - 6622
Math/Computer Science Teaching - 6623
Dr. Jesse Byrne
MCS 142, 974-5575, jbyrne@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. Weldon Wilson
HOH 221H, 974-5470, wwilson@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
Introduction to UCO

Jackson College of Graduate Studies and Research

In 1954, UCO’s graduate studies program began when the Oklahoma State Regents for Higher Education gave UCO permission to offer the Master of Teaching Degree. The first meeting of the Fifth Year Council (later 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 graduate studies program. The leadership history of the Graduate College follows:

1954 – 1970 Dr. E. C. Hall, Graduate Dean
1970 – 1984 Dr. Bill E. Fisher, Graduate Dean
1984 – 1985 Dr. John Michael Knight, Graduate Dean
1985 – 1988 Dr. Paul Lehman, Graduate Dean
1988 – 1996 Dr. George Avellano, Graduate Dean
1992 Dr. S. Narasinga Rao, Assistant Graduate Dean (Assumed responsibility for enhancement of campus research.)
1996 – 1998 Dr. Fred Grosz, Interim Graduate Dean
1998 – 2000 Dr. Clyde Jacob, Graduate Dean
2000 – 2006 Dr. S. Narasinga Rao, Graduate Dean, College of Graduate Studies & Research
2000 Dr. William Radke, Assistant Graduate Dean
2002 Dr. William Radke became Associate VP for Academic Affairs
Dr. Dan Endres, Associate Graduate Dean
Dr. Dana Craig, Assistant Graduate Dean
2003 Dr. John M. Garic, Associate Graduate Dean
2004 Dr. John Barthell, Assistant Graduate Dean
2005 Dr. John Barthell became Interim Dean of the College of Mathematics and Science
Dr. Doug Reed, Assistant Graduate Dean
2006 – 2007 Dr. John M. Garic, Interim Graduate Dean
2006 Dr. Gregory M. Wilson, Interim Associate Graduate Dean

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 27 programs with 51 majors 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

Governing Boards - Statement of Administrative Policy

Oklahoma State Regents for Higher Education

Glen D. Johnson, Chancellor
John Massey, Chairman......................... Durant
Bill Burgess, Jr., Vice Chairman............. Lawton
Ronald H. White, Secy................................ Oklahoma City
William Stuart Price, Assist. Secy........... Tulsa
Julie Carson.......................................... Claremore
Marlin “Ike” Glass .................................. Newkirk
James D. “Jimmy” Harrel.......................... Leedy
Cheryl P. Hunter...................................... Oklahoma City
Joseph L. Parker, Jr................................. Tulsa

Regional University System of Oklahoma

Mark Stansberry, Chairman.............. Edmond
Sandy Garrett, Co-terminus.......... Oklahoma City
Janice Gordon.............................. Broken Arrow
Joe Anna Hibler.................................. Weatherford
Ann Holloway.............................. Ardmore
Belva Howard..................................... Tulsa
Richard Ryerson............................. Alva

UCO Presidents

Richard Thatcher .............................. 1891 - 1893
George W. Winans ............................ 1893 - 1894
E.R. Williams ..................................... 1894 - 1895
E.D. Murdaugh ................................. 1895 - 1901
F.H. Umholtz ..................................... 1901 - 1906
T.W. Butter ...................... 1906 - 1908
James A. McLaughlin ........................ 1908 - 1911
Charles Evans ............................... 1911 - 1916
Grant B. Grumbine ........................... 1916 - 1917
J.W. Graves ...................................... 1917 - 1919
Richard Ryerson ...................... 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 - 1999

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

Richard Bernard, Ph.D. ............................................. Interim Dean, Jackson College of Graduate Studies & Research
Gregory Wilson, Ph.D. ............................................ Interim Associate 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
Michael R. Shirley, J.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
Bill Pink, 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. Richard M. Bernard, Interim Dean, Jackson College of Graduate Studies and Research

Admissions & Retention Committee


Membership Committee


Curriculum Committee


Appointed by Dean, JCGS&R
Dr. Jill Devenport, Interim Assist. Dean, JCGS&R
Dr. Greg Wilson, Interim Assoc. Dean, JCGS&R

Ex officio:
Dr. Evelyn Wilson Martin, Liaison for Academic Affairs
Ms. Abby Warner, Liaison for University Libraries
Dr. Clark Ovrebo, Liaison for AAUP

*Faculty Senate Representative
<table>
<thead>
<tr>
<th>Department Chairs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>College of Arts, Media and Design</strong></td>
</tr>
<tr>
<td>Art .......................................................... Ms. Charlene Weidell</td>
</tr>
<tr>
<td>Design ................................................... Mr. Larry Hefner</td>
</tr>
<tr>
<td>Music (School of) ...................................... Dr. Kent Kidwell</td>
</tr>
<tr>
<td>Theatre, Dance and Media Arts ........................ Dr. Robert McGill</td>
</tr>
<tr>
<td><strong>College of Business Administration</strong></td>
</tr>
<tr>
<td>Accounting .............................................. Dr. Katherene Terrell</td>
</tr>
<tr>
<td>Economics .............................................. Dr. Zhen Zhu</td>
</tr>
<tr>
<td>Finance .................................................. Dr. Randal Ice</td>
</tr>
<tr>
<td>General Business ...................................... Dr. William Wardrobe</td>
</tr>
<tr>
<td>Information Systems and Operations .................. Dr. Lisa Miller</td>
</tr>
<tr>
<td>Management ............................................. Dr. K. J. Tullis</td>
</tr>
<tr>
<td>Marketing ............................................... Dr. Stacia Wert-Gray</td>
</tr>
<tr>
<td>Military Science ....................................... (Interim) Maj. Anderson</td>
</tr>
<tr>
<td><strong>College of Education and Professional Studies</strong></td>
</tr>
<tr>
<td>Advanced Professional Services ........................ Dr. Pat Couts</td>
</tr>
<tr>
<td>Curriculum &amp; Instruction ............................... Dr. Paulette Shreck</td>
</tr>
<tr>
<td>Human Environmental Sciences .......................... (Interim) Dr. Kaye Sears</td>
</tr>
<tr>
<td>Kinesiology and Health Studies .......................... Dr. Donna Cobb</td>
</tr>
<tr>
<td>Occupational &amp; Technology Education ................ Mr. Robin H. Lacy</td>
</tr>
<tr>
<td>Professional Teacher Education ........................ Dr. Diane Jackson</td>
</tr>
<tr>
<td>Psychology ............................................. Dr. Michael Knight</td>
</tr>
<tr>
<td>Special Services ........................................ Dr. Barbara Green</td>
</tr>
<tr>
<td><strong>College of Liberal Arts</strong></td>
</tr>
<tr>
<td>English .................................................. Dr. David Macey</td>
</tr>
<tr>
<td>History &amp; Geography ................................... Dr. Stanley Adamiak</td>
</tr>
<tr>
<td>Humanities &amp; Philosophy ................................. Dr. Stephen Law</td>
</tr>
<tr>
<td>Mass Communication ...................................... Dr. Terry Clark</td>
</tr>
<tr>
<td>Modern Languages, Literatures, and Cultural Studies .... Dr. Rudi Nollert</td>
</tr>
<tr>
<td>Political Science ........................................ Dr. Greg Scott</td>
</tr>
<tr>
<td>Sociology, Criminal Justice, and Substance Abuse Studies ........ Dr. David Ford</td>
</tr>
<tr>
<td><strong>College of Mathematics and Science</strong></td>
</tr>
<tr>
<td>Biology .................................................. Dr. Jenna Hellack</td>
</tr>
<tr>
<td>Chemistry ............................................... Dr. Cheryl Frech</td>
</tr>
<tr>
<td>Computing Science ....................................... Dr. Hong Sung</td>
</tr>
<tr>
<td>Funeral Service .......................................... Dr. Gary Sokoll</td>
</tr>
<tr>
<td>Mathematics &amp; Statistics ................................ Dr. Charlotte Simmons</td>
</tr>
<tr>
<td>Nursing .................................................. Ms. Linda Rider</td>
</tr>
<tr>
<td>Engineering and Physics .................................. Dr. Baha Jassemnejad</td>
</tr>
</tbody>
</table>
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.

Computer Labs
Computer labs for student use are listed as follows: Cyber Cafe, Second floor of Nigh University Center, College of Arts, Media & Design—Music computers, Jazz Lab Building, 100 E. 5th Street, Edmond, OK. between Littler and Boulevard Streets. Art labs, Art Building, Multimedia Presentation lab, Art Building, Room 107; College of Business Administration, Business Building, Rooms 109 and 111; College of Education, Education Building, Rooms 110 and 112; and in Evans Hall, Room 007; College of Liberal Arts, Liberal Arts Building: Foreign Language and Mac Lab, Room 223; Student lab, Room 119; Journalism lab, Room 215; College of Math and Science, Math and Computer Science Building: Room 100; Computing Science, Room 119; three locations in Howell Hall, in the departments of Biology, Chemistry and Physics. Information Technology, Max Chambers Library, 1st floor, SE Corner; Information Technology Terminal Rooms, Math/Computing Science Building, Rooms 121 and 126; Reading lab, Max Chambers Library.

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

Course Evaluations
Students are encouraged to evaluate their professors and courses at the end of each semester utilizing The Student Perception of Instructional Effectiveness survey.

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 at-
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?
Introduction to UCO

Financial Aid cont’d. - Tuition and Living Costs

G. When a student has been turned down for financial aid, will the school reconsider if a student’s financial circumstances have changed?

H. How does the school determine whether the student is making satisfactory progress, and what happens if he is not?

I. To explain each type and amount of assistance in the financial aid package.

Responsibilities - it is the student’s responsibility to:

A. Review and consider all information about a school’s programs before enrolling;

B. Complete the financial aid application accurately, and submit it on time to the right place. Errors can delay or prevent a student’s receiving aid;

C. Meet all deadlines for applying or reapplying for aid;

D. Provide all additional documentation, verification, corrections, and/or new information requested by either the financial aid office or the agency to which the application was submitted;

E. Read, understand, and keep copies of all forms the student is asked to sign;

F. Comply with the provisions of promissory notes and other agreements the student signs;

G. Notify the school and financial aid agencies of changes in name, address, or attendance status (half time, three quarter time, or full time).

H. Satisfactorily perform the work agreed upon in a Federal Work Study job;

I. Understand the school’s refund policy.

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>Non-Resident - Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition &amp; Fees</td>
<td></td>
</tr>
<tr>
<td>Off Campus</td>
<td>2840</td>
</tr>
<tr>
<td>On Campus</td>
<td>2840</td>
</tr>
<tr>
<td>With Parents</td>
<td>2840</td>
</tr>
<tr>
<td>Tuition &amp; Fees</td>
<td>6740</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td></td>
</tr>
<tr>
<td>Off Campus</td>
<td>800</td>
</tr>
<tr>
<td>On Campus</td>
<td>800</td>
</tr>
<tr>
<td>With Parents</td>
<td>800</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td></td>
</tr>
<tr>
<td>Off Campus</td>
<td>800</td>
</tr>
<tr>
<td>On Campus</td>
<td>800</td>
</tr>
<tr>
<td>With Parents</td>
<td>800</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td></td>
</tr>
<tr>
<td>Off Campus</td>
<td>6300</td>
</tr>
<tr>
<td>On Campus</td>
<td>4206</td>
</tr>
<tr>
<td>With Parents</td>
<td>1750</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td></td>
</tr>
<tr>
<td>Off Campus</td>
<td>6300</td>
</tr>
<tr>
<td>On Campus</td>
<td>4206</td>
</tr>
<tr>
<td>With Parents</td>
<td>1750</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td></td>
</tr>
<tr>
<td>Off Campus</td>
<td>4450</td>
</tr>
<tr>
<td>On Campus</td>
<td>3380</td>
</tr>
<tr>
<td>With Parents</td>
<td>3380</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td></td>
</tr>
<tr>
<td>Off Campus</td>
<td>4050</td>
</tr>
<tr>
<td>On Campus</td>
<td>3380</td>
</tr>
<tr>
<td>With Parents</td>
<td>3380</td>
</tr>
<tr>
<td>Total</td>
<td>14,390</td>
</tr>
<tr>
<td>Total</td>
<td>17,890</td>
</tr>
<tr>
<td>Total</td>
<td>15,126</td>
</tr>
<tr>
<td>Total</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.
Introduction to UCO

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.

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. ID 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
recreation room, vending room, and other amenities.

Community building housing a large meeting/activity room, an information desk, staff office, computer lab, TV lounge, kitchen and laundry space, with washers and dryers provided. The nearby Commons Clubhouse is a 7,000 square foot building providing a variety of activities such as movies, parties, and social events. 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 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.

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.
Introduction to UCO

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.

Scholarships

Department Scholarships

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

Senior Citizens

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

Student Services

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

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

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

The Writing Center

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

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

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

Counseling Center

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

Multicultural Student Services

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

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.

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 Graduate Studies @ UCO

A. How to Obtain an Application for Graduate Admission

<table>
<thead>
<tr>
<th>Method</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>By Mail or In person:</td>
<td>Jackson College of Graduate Studies &amp; Research</td>
</tr>
<tr>
<td></td>
<td>University of Central Oklahoma</td>
</tr>
<tr>
<td></td>
<td>100 N. University Drive, NUC 404</td>
</tr>
<tr>
<td></td>
<td>Edmond, OK 73034</td>
</tr>
<tr>
<td>Online:</td>
<td><a href="http://www.ucok.edu/graduate/new_gradapplications.htm">http://www.ucok.edu/graduate/new_gradapplications.htm</a> to download the application form in either PDF format or Word document format. (You must have Adobe Acrobat installed in your computer in order to view and print the pdf file format). To download Acrobat for free go to: <a href="http://www.adobe.com">www.adobe.com</a></td>
</tr>
<tr>
<td>By E-mail:</td>
<td><a href="mailto:gradcoll@ucok.edu">gradcoll@ucok.edu</a></td>
</tr>
<tr>
<td>By phone:</td>
<td>(405) 974-3341</td>
</tr>
</tbody>
</table>

Applicants might also wish to contact the specific academic department in order to verify any additional admission requirements of that department.

B. Who Must Submit an Application?

The following students must submit an Application for Graduate Admission:
1. Those who are new and first time to UCO;
2. Those UCO students who are moving from regular undergraduate admission to application for graduate admission;
3. Those who have not been enrolled at UCO for one year or longer;
4. Those who were academically suspended or suspended for disciplinary reasons and are applying to return to UCO, regardless of length of dismissal.

C. Required Application Materials

Applicants must submit the following to the Jackson College of Graduate Studies and Research, Room 404, Nigh University Center:
1. UCO application packet for Graduate Admission.
2. Two (2) letters of Recommendation (if required by the program).
3. Official copies of undergraduate and graduate transcripts from each institution attended, with all degrees posted. Your transcripts must reflect a minimum undergraduate GPA of 2.50 (or higher if program requires). The bachelor’s degree must be from an accredited institution.
4. $25.00 application fee
5. Any other documents required by the program.

D. Undergraduate Transcript Evaluation

The undergraduate GPA will be used to evaluate eligibility for regular graduate admission. If an applicant does not meet the GPA admission requirements, he/she has the following options: 1) take additional undergraduate courses to raise his/her undergraduate grade point average and then apply for admission to graduate studies when the minimum overall GPA for the program has been achieved; OR 2) the student may be conditionally admitted if the specific program has formally listed this option.

E. Conditional Status Admission

Selected Graduate Programs of Study allow conditional admission. The conditional nature of this graduate admission status relates to undergraduate GPA only. Conditional admission is not available for any other admission requirement deficit. The conditional admission criteria are as follows:
1. Students must have an overall undergraduate grade point average (GPA) of at least 2.50.
2. Students must meet all other admission requirements, as defined by the Graduate College and the Program.
3. Students must have all applications for admission to this status approved in writing by the Department/School Program/Graduate Advisor.
4. Students must take 8-10 (3 courses minimum) pre-approved graduate credit hours while in the status of a Conditional Admission student.
5. The graduate/program advisor will specify which courses must be completed during this status.
6. The student must submit a copy of said requirements (signed by both the advisor and student) to the Graduate College.
7. These graduate courses offered for letter grades must not include electives.
8. These specified graduate credit courses must be completed within 3 consecutive semesters (including summer term) after the first graduate enrollment.
9. 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.
10. No conditionally admitted student will be allowed to enroll for the subsequent semester until after grades are posted and without approval of the Advisor.
11. 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.

F. Deferring Admission
   Students are admitted for the semester in which they apply. If a 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.

G. One Year Absence
   If a student has not been enrolled for one full year, he/she must apply for readmission to the JCGS&R, and must meet the program requirements at the time of the later application.

Advanced Standing Examinations
   Advanced standing examinations are not available for graduate credit.

Advisement
   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 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 student’s graduate 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.

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.
Admission & Enrollment Information  

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 published Class Schedule for the respective semester. Enrollment is conducted on the first floor of the Nigh University Center or on the UCO website at http://central.ucok.edu/

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:

A full-time graduate student is one who is either enrolled in nine or more graduate hours or in six or more graduate hours and serving as a TA in three or more hours. International Students, who elect to serve as TAs, should be aware that additional credit hours may be mandated by visa requirements.

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
Admission & Enrollment Information

Grade Point Average - GMAT

Points. UCO does not recognize pluses or minuses in calculating grade point averages. If an applicant’s prior college or university uses a different scale, the grade-point average must be converted to the 4.00 scale to determine whether the applicant meets University of Central Oklahoma grade-point requirements for admission. All references to grade-point averages are based on a 4.00 scale. References to credit hours are to semester credit hours.

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

<table>
<thead>
<tr>
<th>GRADE NOT Used in calculating Grade Point Average</th>
<th>Grades Used in calculating Grade Point Average (GPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRADE NOTE</td>
<td>GRADE NOTE</td>
</tr>
<tr>
<td>S Satisfactory</td>
<td>A Excellent</td>
</tr>
<tr>
<td>U Unsatisfactory</td>
<td>B Good</td>
</tr>
<tr>
<td>P Passing</td>
<td>C Average</td>
</tr>
<tr>
<td></td>
<td>D Below Average</td>
</tr>
<tr>
<td></td>
<td>F Failure</td>
</tr>
</tbody>
</table>

Points / Hour:

- A: 4
- B: 3
- C: 2
- D: 1
- F: 0

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 graduate student wishes to appeal a final grade for a course, his/her first step is to review and follow the Academic Appeal Policy located online under the UCO Academic Affairs website and further located at: http://www.busn.ucok.edu/academicaffairs and click on Academic Appeals.

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 405-917-7325 or 1-800-247-8731.
Admission & Enrollment Information

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

Graduate Record Exam (GRE)
Examination scores must be available to the Jackson College of Graduate Studies and Research. Examination schedules and expenses are the responsibility of the student. The time limit for accepting GRE scores for admission is five years. No scores more than five years old will be accepted.

The degrees requiring the Graduate Record Exam and the applicable exam for each degree are:

- **Biology** (M.S.) Minimum combined score of 900 on the verbal and quantitative
- **Criminal Justice** (M.A.) An index calculated by a combination of GRE and GPA as listed on the program page.
- **Forensic Science** (M.S.) Minimum combined score of 1,000 on verbal and quantitative tests. The analytical conversion formula is shown in the Forensic Science program information.
- **Political Science** (M.A.) 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.
- **Psychology** (M.A.) Minimum combined score of 900 on the verbal and quantitative tests or 3.5 or higher on the written assessment.

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

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

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

1. Apply for graduation by the deadline stated in the 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 for Graduation Deadlines**
- September 15 – Fall Semester
- February 15 – Spring & Summer Semesters

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 and Awards

**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 (five in the summer), are eligible to have their names listed on the President’s Honor Roll. This award is made through the President’s office.

**Outstanding Graduate Student**
The “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

A. Deadlines

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

- Fall semester ........ July 1st
- Spring semester ......... November 1st
- Summer semester...... April 1st

Deadlines for applications to specific graduate programs vary. If the graduate program application deadline precedes the international application deadline, the program deadline will apply. If the international graduate student application deadline precedes the program deadline, the international graduate student application deadline will apply.

B. Enrollment

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.

C. Undergraduate Transcript Evaluation

Applicants must submit official transcripts from all universities, colleges or professional schools attended.

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.

The general rule is that students seeking graduate admission to UCO must submit original transcripts with their undergraduate degree posted.
Admission & Enrollment Information

However, in situations in which only one original is available, the standard policy that an "official" copy of the transcripts and proof of degree documents will be acceptable for admission purposes. To be an official copy, it must be legible and must bear an original stamp or seal and signature of a school official from the original issuing institution or examining board or certified by a consulate, embassy, military official, notary public or student placement consultant. The seal, stamp and signature must be placed on the copy after photocopying. If the original language of the record is not English, a certified English translation must be attached.

Upon arrival at UCO, you will be required to produce your original documents for review. PLEASE BE ADVISED: In these situations, you will only be permitted to enroll in actual graduate classes after you have produced your original transcripts and proof of degree to the JCGS&R. If you cannot produce the original documents to the JCGS&R, you will not be permitted to enroll.

To be considered for graduate-level study requires the completion of a degree comparable to a United States bachelor’s degree with superior grades from an accredited institution of higher education. This typically means the completion of a degree of at least four years duration beyond the 12th year of school.

Regarding students from Taiwan
Graduates of junior college programs from Taiwan are not eligible for graduate study at UCO.

Regarding students from India, Pakistan, Bangladesh and Nepal
Applicants from India, Pakistan, Bangladesh and Nepal must have completed at least an M.S., M.A., M.Com., B.Eng., or other degree of at least four years duration beyond grade 12 to be considered for graduate study at UCO.

Regarding students from Europe and the former Soviet Union
For students from Europe and the former Soviet Union, the first degree of four to five years duration is considered to be comparable to a U.S. bachelor’s degree and not considered as a master’s degree.

D. English Language Proficiency

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

1. Test of English as a Foreign Language (TOEFL)
   a. score of 550 or higher on the paper exam
   b. score of 213 or higher on the computer exam
   c. score of 79 or higher on the internet exam
2. OSRHE Approved English Language School
   Students in limited categories may present evidence of completion of a minimum 12 week of study at an OSRHE approved English language school. The mentioned limited categories include those who score as follows on the TOEFL exam:
   a. score between 500 - 549 on the paper exam
   b. score between 173 - 212 on the computer exam
   c. score between 61 - 78 on the internet exam
3. International English Language Testing System (IELTS)
   a. minimum overall band score of 6.5
4. Earn a bachelor’s degree from an accredited US college or university.
5. Attend an accredited US college or university for a minimum of three full time semesters of graduate work.

E. Contact Information

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 Courses & 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.
Admission & Enrollment Information

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.

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.

Non-Degree students do not qualify for financial aid.

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. Academic Probation
1. A student, regardless of admission status, may be placed on academic probation if:
   a. The student has completed nine graduate hours; and
   b. The student’s cumulative graduate grade point average (GPA) falls below 3.00.
2. While a student is on academic probation, the student will not be allowed to enroll in more than nine graduate credit hours each semester and six hours for Summer.

B. Academic Suspension
1. A student may be placed on academic suspension if:
   a. A student’s failure to achieve a minimum graduate GPA of 3.00 on any semester while on probation will result in suspension from the Jackson College of Graduate Studies and Research.
   b. Whether or not a student has ever been on academic probation or has completed nine graduate hours, any student whose cumulative graduate GPA falls below 2.00 in any semester will be placed on academic suspension.
2. No graduate classes may be taken for at least 16 weeks while a student is suspended, awaiting adjudication from the Graduate Council.
3. Readmission After Suspension
   a. 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.
   b. Students who wish to be considered for re-admission must submit a written appeal and the recommendation for readmission from the program graduate advisor to the Dean of the Jackson College of Graduate Studies and Research within 30 days of receipt of notification of academic status. The student’s appeal will be evalu-
Admission & Enrollment Information

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.

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 (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.

Thesis

Some graduate programs require students working toward a master’s degree to submit a master’s thesis. Candidates completing a thesis should follow the instructions of their thesis committee concerning the development and preparation of their project. Additionally, candidates are required to comply with the requirements of the JCGS&R and the Chambers Library regarding their theses, as follows:

**Thesis Committee**

Students should consult their graduate program advisor early in their master’s programs for requirements regarding developing a thesis committee and preparing the thesis.

Once a student’s Thesis Committee has been formed, the student must submit a signed copy of the Graduate Thesis Committee Form (available online).
Thesis Hours
The minimum number of graduate credit hours required to complete the thesis is based on the requirements of the specific programs.

The maximum number of hours which may be applied toward any graduate program is six (6) graduate hours.

Once enrolled in Thesis hours, a student must remain continuously enrolled in thesis hours until full completion of all thesis requirements.

Thesis Grading

Thesis hours completed during the development and preparation of a thesis but prior to its final completion will be assigned an “X” grade and will contribute to the “Hours Attempted” and “Hours Earned” sections of the student’s transcript. The “X” grade will not, however, contribute Graduate GPA in any manner.

Once the thesis has been fully completed, the Thesis Committee Chair will assign a Passing or Failing grade (“P” or “F”). While a grade of “P” will not contribute to the graduate GPA, an F” grade will contribute to the overall graduate GPA.

Timing of Thesis
Any student who has completed all course work must complete his/her thesis within the following two full academic semesters. The terminal MFA degree is the one exception to this thesis timing rule. Any other exception request to extend the time beyond two years must be made in writing to the Graduate Dean.

Public Thesis Defense

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.

Submission Requirements for Theses

Students completing a thesis for the master’s degree must submit the following after a successful public defense of the thesis:

1. one (1) electronic copy of the thesis
   a. via Blackboard/WebCT Thesis course.
      i. must be in PDF file format
      ii. Instructions are available at the Blackboard/WebCT Thesis course.
      (For questions, contact the Graduate Dean at 405-974-3341.)

2. three (3) hard copies of the thesis for official library binding to the Max Chambers Library, Archives, Room 215.
   a. on 25% rag paper (not bound or hole-punched);
   b. with one and one-half inch (1 1/2”) left margins to allow for binding;
   c. all with the original signatures of the thesis committee members;
   d. a completed Chambers Library Binding Receipt Form (available online).
   e. For additional information regarding these particular requirements, please contact the Chambers Library Archives & Special Collections at 405-974-2882.)

3. one copy of the following documents to the Jackson College of Graduate Studies & Research, NUC 404.
   a. thesis title page (See Sample Thesis Title Page online);
   b. signature page with original signatures of the thesis committee (See Sample Thesis Signature Page online);
   c. the thesis abstract.

Student Copies

Students who wish to have copies of their thesis bound for their own personal use, must submit the additional copies of their thesis to the Max Chambers Library, Archives, Room 215 at the same time the required three hard copies referenced above are submitted.

Thesis Costs

Costs associated with library submission of theses are the responsibility of the submitting student. The associated costs are as follows:

Required Costs
$21.60 Cost for binding of three hard copies of thesis
$45.00 Processing fee for thesis indexing and abstracting
$66.00 Total Required Costs
Optional Costs

- $7.20 Cost per copy for additional student-requested copies of thesis
- $65.00 Costs to have thesis registered with US Copyright Office
- $3.00 Mailing fee if you wish to have your copies mailed to you

The above-referenced costs must be paid for with a money order made payable to the UCO Chambers Library in the amount shown on the UCO Binding Receipt Form. No personal checks or cash can be accepted.

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.

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

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

Transcript with Degree Posted

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

Mixed Enrollment - Undergraduates in Graduate Programs

UCO seniors are eligible for concurrent, or mixed undergraduate and graduate enrollment in their final semester before undergraduate graduation, providing they meet the established criteria:

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

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

Workshop Credit

No more than two (of the total) hours required for the master’s degree may be earned by participation in workshops; except as follows:

For the years 2007-2009, no more than three (of the total) hours required for the master’s degree may be earned by participation in the Oklahoma Scholar-Leadership Enrichment Program (OSLEP).
Governance of the Jackson College of Graduate Studies and Research
GOVERNANCE OF THE JCGS&R

Role of the College

The Jackson College of Graduate Studies & Research (the “JCGS&R”) at the University of Central Oklahoma is dedicated to providing leadership and support in the development of high quality graduate and research programs to serve the needs of students, faculty and the university community as they compete in a global society. The JCGS&R serves a unique function at UCO in its support for and coordination of both graduate studies as well as research, creative and scholarly activities.

In its graduate studies function, the JCGS&R collaborates with the five UCO academic colleges in offering 6 Master’s degrees covering 27 Graduate Degree Programs with 51 different major areas of study serving approximately 1,300 students. In 2004, UCO celebrated its 50th year of offering graduate studies, having started in 1954.

In its campus research function, the JCGS&R acts as an outspoken champion for research, creative and scholarly activities by creating a welcoming environment for such activities, by supporting initiatives which advance those activities and by integrating original inquiry as a teaching tool.

The JCGS&R supports the concept of shared governance and is served in that regard by the Graduate Faculty, the Graduate Council and the Research Advisory Council.

The Graduate Faculty

The Graduate Faculty is a select group of UCO faculty members who serve in a consultative role to the JCGS&R along with the Graduate Council and the Research Advisory Council.

There are two membership levels in the Graduate Faculty: Full Members and Associate Members.

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 JCGS&R.

Full Members of the 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 discipline. 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.

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 JCGS&R. These assignments shall be subject to periodic review.

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

Associate Graduate Faculty Membership Categories are defined as follows:

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

The application for three year associate membership on the Graduate Faculty is initiated by the department, chairperson or director of the graduate program. The Graduate Faculty Three year Associate Membership Application form, available in the JCGS&R, 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
Governance of the Graduate College

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.

**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.
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 JCGS&R and determine the general direction of the college.

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 JCGS&R, 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 JCGS&R, who is also the 19th member. Appointees from the Office of Academic Affairs, the Library, and Faculty Senate and AAUP serve as liaisons to the Graduate Council.

The Graduate Council consists of four standing committees: The Membership Committee, the Executive Committee, the Curriculum Committee, and the Admissions and Retentions Committee.

**Duties of the Graduate Council**

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.

**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.

**The Graduate Executive Committee**

The Graduate Executive Committee will:

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

**The Membership Committee**

The Membership Committee will:

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

**The Curriculum Committee**

The Curriculum Committee will:

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

**The Admissions and Retention Committee**

The Admissions and Retentions Committee will:

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

**Research Advisory Council**

The Research Advisory Council is a select group of UCO faculty members who serve in a consultative role to the JCGS&R along with the Graduate Faculty and the Graduate Council.

The Research Advisory Council is composed of two members from each college, the Graduate Dean, the Grant Writer, one member each from the Controller’s Office, the Faculty Senate, and the AAUP. The Council is chaired by the Associate Dean of JCGS&R.

Membership on the Research Advisory Council is accomplished through recommendation of the Associate Dean of JCGS&R to the Vice President of Academic Affairs for appointment to a three year term.

**Duties of the Research Advisory Council**

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; and
6. Being outspoken champions of research at UCO.
Support & Management of Research, Creative and Scholarly Activities
Support & Management of Research, Creative & Scholarly Activities

Assistantships

UCO utilizes a limited number of highly qualified graduate and undergraduate students as Assistants in areas such as Research and Teaching.

All UCO Assistants have two basic responsibilities: one, a responsibility to themselves as students to achieve their academic goals; and two, a responsibility to UCO to fulfill their defined obligations.

As of the date of publication of this catalog, the engagement and management of UCO Assistants is under review. You are directed to the website of the JCGS&R for the current information in this regard.

External Grants

A. External Grant Proposal Routing Requirements

Faculty members wishing to submit a grant proposal for possible funding from an external agency must route the grant proposal through the JCGS&R.

External grant routing forms can be found online at the JCGS&R website at: http://www.ucok.edu/graduate/ApplicationForms/Externalgrantproposal.pdf

Because each of the university offices in the external grant routing queue need to have the appropriate time to review grant proposals, the following are the deadlines which should be followed by those intending to submit external research grant proposals to governmental agencies:

1. Notification to Department Chair, College Dean & JCGS&R Dean

No later than three months prior to the deadline for the submission of the grant, the Principal Investigator (PI) and any Co-PIs must notify his/her/their Department Chair, College Dean and JCGS&R Dean of the intent to submit an external grant. Information provided should include the following: name of the grant, name of the funding agency, the grant proposal due date, proposal title and a brief outline of the PI’s proposal.

The purpose of this notification to the Department Chair and the College Dean is to permit dialog between these college officials and the involved faculty about the purpose and value of the potential grant to the university, college, department generally (e.g., alignment with mission, objectives, etc.), and to the faculty member, specifically (e.g., tenure, promotion, etc.). Additionally, this notification will permit the College Dean to authorize dialog between the College development officer/grant writer and the PI.

The purpose of this notification to the JCGS&R Dean is to permit the involvement of the UCO AOR (Authorized Organizational Representative), who is on the JCGS&R Staff. The UCO AOR will initiate a dialog with the PI regarding grant submission format and other requirements.

It is important that the PI have secured the signatures of the Department Chair and College Dean prior to proceeding to the next level of review.

2. Notification to the Financial Services/Grants Manager, VP for Information Technology and the UCO Foundation President

No later than fifteen (15) business days prior to the deadline for the submission of the grant, the Principal Investigator (PI) and any Co-PIs must provide notification to the university Financial Services/Grants Manager, the VP for Information Technology and the UCO Foundation President of the intent to submit an external grant. Information provided should include the following: name of the grant, name of the funding agency, the grant proposal due date and a detailed outline of the PI’s proposed budget and budget justification.

The purpose of this notification to the Financial Services/Grants Manager is to provide a level of advance review and assurance that the financial commitments being made in the external grant proposal are appropriate and accurate. Any matching requirements must be identified including how they will be funded.

The purpose of this notification to the VP for Information Technology is to provide a level of advance review and assurance that IT issues related to the external grant proposal are manageable.
The purpose of this notification to the UCO Foundation President is to provide a level of review and assurance that grant initiatives are not duplicative or in conflict with university development efforts.

It is important that the PI have secured the signatures of the Financial Services/Grants Manager, UCO Foundation President and, if appropriate, the VP for Information Technology, prior to proceeding to the next level of review.

3. Notification to the JCGS&R Dean & the UCO AOR

No later than ten business days prior to the deadline for the submission of the grant, the Principal Investigator (PI) and any Co-PIs must provide notification to the JCGS&R Dean and the UCO AOR (Authorized Organizational Representative) of his/her request to submit an external grant. Information provided must include the following: the completed and fully-signed External Grant Proposal Routing Form, name of the grant, name of the funding agency, the grant proposal due date, a full and complete hard/paper copy of the grant proposal, including the PI’s approved proposed budget and budget justification, and a “ready to submit” copy of the grant proposal on a CD in the proper format (i.e., PureEdge, etc) for submission.

The purpose of this second notification to the JCGS&R Dean is to allow the Dean to properly supervise the formal submission of the grant proposal to the external funding agency.

The purpose of this notification to the UCO AOR is to provide an appropriate amount of time to formally submit the grant proposal to the external funding agency. The timing of this step is especially important in the event that changes are mandated by the external funding agency which would thus require multiple submissions by the UCO AOR.

It is important that the PI have secured the signatures of all of the required university officials prior to submission to the JCGS&R Dean and UCO AOR.

B. External Grant Funding Policies

Expenditures from external grants 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. All grant provisions for paying salaries must include any associated fringe benefits.

C. Indirect Costs from External Grants

There is great benefit to include indirect cost in external grant proposals if allowed. External grant indirect costs will be split as follows:

- 30% to UCO E&G
- 30% to the PI’s College
- 20% to the PI
- 20% to the JCGS&R

Faculty 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 JCGS&R and is the result of a funded mini, regular or external grant submission routed through the JCGS&R.
2. The external grant proposal must be routed through the JCGS&R before submission to the agency.
3. The application for incentive award is submitted prior to published deadlines on the JCGS&R website.
4. Credit must be given in their publication to the JCGS&R for their support and encouragement.
Support & Management - RCSA

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.

Graduate Oklahoma Resident Tuition Waiver Program
The JCGS&R supports and encourages superior academic performance by Oklahoma graduate students through the Graduate Tuition Waiver Program.
This program awards graduate credit hour tuition waivers to qualified students during the Fall and Spring semesters. 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/.

Institutional Animal Care and Use Committee
The UCO Institutional Animal Care and Use Committee (IACUC) is committed to ensuring that the rights and welfare of vertebrate animals utilized in research are properly protected. All vertebrate animal research activities conducted by UCO faculty, staff or students must be reviewed and approved by the UCO Institutional Animal Care and Use Committee.
The JCGS&R maintains a website for IACUC information. The address is: http://www.ucok.edu/facres/new_iacuc.htm
At the website can be found a UCO Application for Review of Animals in Research or Instruction.

Institutional Review Board
The UCO Institutional Review Board (IRB) is committed to ensuring that the rights and welfare of human subjects utilized in research are properly protected.
All human subject research activities conducted by UCO faculty, staff or students must be reviewed and approved by the UCO Institutional Review Board with the following exception:
The collection of data by UCO offices/departments/programs for the purpose of assessing educational or administrative practices at UCO or complying with mandatory reporting requirements of regulatory agencies, will not be subject to review by the UCO Institutional Review Board. Any data collected pursuant to this exception must be represented in the aggregate and in no case will the study results identify, directly or by inference, the subjects’ identities or specific UCO faculty/staff identities.
UCO is committed to and guided by the ethical principles regarding all research involving human subjects as set forth in the report of the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research entitled, Ethical Principles and Guidelines for the Protection of Human Subjects of Research, often referred to as the Belmont Report.
The JCGS&R maintains a website for IRB information. The address is: http://www.ucok.edu/facres/new_irb.htm
At the website can be found a UCO Application for Review of Human Subjects Research as well as a worksheet entitled Determination of the Necessity of IRB Review.

Intra-University Funding of Research
As part of its mission, the Jackson College of Graduate Studies and Research acts as an outspoken champion for all UCO research, creative and scholarly activities by creating a welcoming environment, supporting faculty initiatives and by facilitating the integration of research, creative and scholarly activities as a teaching tool. The JCGS&R serves as a liaison among faculty, students, other universities, business, industry and funding agencies by assisting with external grant, internship and collaborative opportunities.
The JCGS&R manages limited funds for the support of intra-university faculty and student research, creative and scholarly activities. The referenced funds are utilized to support various initiatives including, but not limited to the following:
A. **Faculty RCSA Presentation Grant Program**
   Supports up to $500 of air travel expenses for the presentation of faculty research, creative & scholarly activities.

B. **Student RCSA Presentation Grant Program**
   Supports up to $500 of air travel expenses for the presentation of student research, creative & scholarly activities.

C. **Faculty RCSA Pedagogical Grant Program**
   Supports up to five faculty (@ up to $5,000 each) who wish to conduct pedagogical research regarding the implementation and evaluation of educational innovations which might thereby facilitate more successful classroom teaching and learning.

D. **New Faculty Start-Up Grant Program**
   Provides up to $500 of support for research, creative or scholarly activities during a tenure track faculty member’s first year at UCO.

E. **Temporary, Full-Time Faculty Grant Program**
   Provides up to $500 of support for research, creative or scholarly activities during one of a temporary, full-time faculty member’s first two years at UCO. The total amount of this support for the entire university is $2,000 and is available on a first-come-first-served basis.

F. **On-Campus Research Grant Program**
   **Mini Grants**
   Provides up to $1,500 of support for research, creative or scholarly activities. There is no release time or research assistants for these grants. Mini-grant recipients will be expected to apply for Regular Grants after three years of Mini Grant funding.

   **Regular Grants**
   Provides up to $7,500 of support for research, creative or scholarly activities. Release time is available for these grants and will be subtracted from the award budget. Research Assistants may be requested. RA stipends will not be deducted from the on-campus grant budget. Regular Grants are intended for 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.

   **Interdisciplinary Planning Grants**
   Provides up to $5,000 of support for the planning of interdisciplinary research, creative or scholarly activities. 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 worker responsible for group administrative needs, (c) travel for outside speakers and (d) support for hosting conferences. These are intended as 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.

   **Interdisciplinary Grants**
   Provides up to $10,000 of support for the planning of interdisciplinary research, creative or scholarly activities. 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. 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 for long term funding support from external sources is demonstrated. Each group should have a designated leader and have faculty members from at least two colleges.

**On-Campus Grant Proposal Evaluation Procedure**

All On-Campus Grant proposals will be reviewed and evaluated by independent, external evaluators who will provide written critiques to proposal writers. The Research Advisory Council assists in the review and funding recommendation process.

**Intra-University Grant Funding Policies**

The following policies regulate all intra-university grant funding:

1. All expenditures must be originated by requisition to the comptroller, petty cash expenditures, or inter-departmental purchase orders (IDPOs).
2. All spending requests must be pre-approved by the JCGS&R. Reimbursements for out-of-pocket spending will not be approved.
3. Funds must be encumbered by the deadline dates set by the UCO Purchasing Office.
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 Intra-University grant monies.
5. Computer software and equipment purchased expressly for research must be justified, and becomes 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 JCGS&R.
7. Grant recipients are responsible for managing grant funds in accordance with these policies.
8. Grant recipients must present at Oklahoma Research Day.

**Research Advisory Council**

The Research Advisory Council is a select group of UCO faculty members who serve in a consultative role to the JCGS&R along with the Graduate Faculty and the Graduate Council.

The Research Advisory Council is composed of two members from each college, the Graduate Dean, the Grant Writer, one member each from the Controller’s Office, the Faculty Senate, and the AAUP. The Council is chaired by the Associate Dean of JCGS&R.

Membership on the Research Advisory Council is accomplished through recommendation of the Associate Dean of JCGS&R to the Vice President of Academic Affairs for appointment to a three-year term.

**Duties of the Research Advisory Council**

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 JCGS&R.
5. Selecting Hauptman Fellows; and
6. Being outspoken champions of research at UCO.
Support & Management - RCSA  UG Research, Creative & Scholarly Activities

Undergraduate Research, Creative & Scholarly Activities
The Undergraduate Student Center for the Advancement of Research and Education (USCARE) is a focal point of undergraduate scholarly activities in the JCGS&R.

Research Assistantships
Undergraduate students may apply for research assistantships while participating in faculty sponsored research.

SURE-STEP
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.

Undergraduate Research and Creative Activities Team
The Undergraduate Research and Creative Activities Team (URCAT) meets regularly to discuss ways to enhance undergraduate scholarship on the UCO campus.

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. 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 JCGS&R 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. 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 JCGS&R Awards Reception.
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.
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.
# Design Master of Fine Arts (M.F.A.)

**Recommended Undergraduate Courses**

<table>
<thead>
<tr>
<th>Graphic Design</th>
<th>Design Professional Preparation .................................. 21 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 2113 History of Graphic Design</td>
<td>DES 5211 Summer Seminar*</td>
</tr>
<tr>
<td>DES 2122 Graphic Design I</td>
<td>DES 5233 Psychology of Design</td>
</tr>
<tr>
<td>DES 3293 Graphic Design II</td>
<td>DES 5253 Design in Global Cultures</td>
</tr>
<tr>
<td>DES 2152 Illustration I</td>
<td>DES 5273 Business of Design</td>
</tr>
<tr>
<td>DES 3152 Typography</td>
<td>DES 5293 Design Studio*</td>
</tr>
<tr>
<td>DES 3833 Computer Graphics I</td>
<td>DES 5910 Seminar/Special Topics in Design</td>
</tr>
<tr>
<td>DES 4513 Computer Graphics II</td>
<td>DES 5933 Individual Study in Design</td>
</tr>
<tr>
<td>DES 4242 Pre-Press Production</td>
<td>DES 5952 Internship in Design</td>
</tr>
<tr>
<td>DES 4502 Professional Practice</td>
<td>DES 5971 Study Tour in Design</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interior Design</th>
<th>Graphic Design (with Graduate Advisor approval)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 1113 Interior Design I</td>
<td>JOUR 5283 Advertising Campaigns</td>
</tr>
<tr>
<td>DES 1333 Residential Design I</td>
<td>ENG 5023 Advanced Technical Writing</td>
</tr>
<tr>
<td>DES 2143 Commercial Design I</td>
<td>DES 5113 History of Graphic Design</td>
</tr>
<tr>
<td>DES 2543 Computer Drafting I</td>
<td>DES 5313 Typography Studio*</td>
</tr>
<tr>
<td>DES 3123 Lighting for Interior Design</td>
<td>DES 5333 Print Design Studio*</td>
</tr>
<tr>
<td>DES 3223 Materials for Interiors</td>
<td>DES 5353 Package Design Studio*</td>
</tr>
<tr>
<td>DES 3323 Rendering Techniques</td>
<td>DES 5373 Advertising Design Studio*</td>
</tr>
<tr>
<td>DES 3513 History of Interior Design I</td>
<td>DES 5423 Computer Graphics Studio*</td>
</tr>
<tr>
<td>DES 3523 History of Interior Design II</td>
<td>DES 5443 Illustration Studio*</td>
</tr>
<tr>
<td>DES 3553 History of Interior Design III</td>
<td>DES 5463 New Media Design Studio*</td>
</tr>
<tr>
<td>DES 3533 Residential Design II</td>
<td>DES 5483 ClockTower Studio*</td>
</tr>
<tr>
<td>DES 3563 Custom Furniture</td>
<td>Interior Design (with Graduate Advisor approval)</td>
</tr>
<tr>
<td>DES 3573 Universal Design</td>
<td>DES 5513 History of Interior Design I</td>
</tr>
<tr>
<td>DES 4213 Systems Furniture</td>
<td>DES 5523 History of Interior Design II</td>
</tr>
<tr>
<td>DES 4493 Commercial Design II</td>
<td>DES 5553 History of Interior Design III</td>
</tr>
<tr>
<td>DES 4553 Estimating for Interior Design</td>
<td>DES 5613 Lighting Design Studio*</td>
</tr>
</tbody>
</table>

**MFA Design Curriculum ....................60 hours required**

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

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

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

<table>
<thead>
<tr>
<th>Total .................................................... 39 hours</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Thesis Education (with Graduate Advisor approval)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 5843 Teaching Design</td>
</tr>
<tr>
<td>ADED 5122 Foundations of Training &amp; Development</td>
</tr>
<tr>
<td>ADED 5313 Techniques of Teaching Adults</td>
</tr>
<tr>
<td>ADED 5423 Instr. Eval. in Train. and Devel.</td>
</tr>
<tr>
<td>ADED 5453 Psychology of Adult Development</td>
</tr>
<tr>
<td>ADED 5823 Nature &amp; Char. of the Adult Learner</td>
</tr>
<tr>
<td>ADED 5883 Advanced Instructional Methods</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total .................................................... 21 hours</th>
</tr>
</thead>
</table>
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.
   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:
A. Retake the written exam and score a passing grade.
B. 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 Or
   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.
Master of Music in Jazz Studies (M.M.)

The Master of Music in Jazz Studies is a specialized program that allows the student to concentrate in traditional performance or commercial music production (instrumental or vocal). Both majors develop a high level of performance proficiency in jazz and commercial music styles and expand creative skill, pedagogical practice, composition, arranging, and music technology at a more comprehensive level than can be obtained on the undergraduate level.

The School of Music has developed this program to satisfy a need in Oklahoma for a graduate course of study which prepares students for careers in the jazz and commercial music industry. Many skills needed in commercial music production are closely related to skills needed in jazz improvisation, composition, and arranging. Two areas of specialization allow the student to focus primarily on the performance or production of jazz and commercial styles culminating in either a graduate recital or the completion of a graduate CD album.

I. Admission Requirements for the Master of Music in Jazz Studies with Majors in Performance or Commercial Music Production Program:
   A. Hold a degree from an accredited institution.
   B. Schedule a meeting with the Jazz Studies Division Head to discuss the program.
   C. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC. Forms are available online.
      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 Jazz Studies and perform an Applied Audition on your primary performance medium (instrumental or vocal). This should be done prior attending classes. Information regarding the exam is given below.
   E. Following the Entrance Advisory Examination, the student must meet with the School of Music Graduate Advisor and Jazz Studies Division Head to work out a formal plan of study. A copy of this plan, signed by the student, Graduate Advisor, and Jazz Studies Division Head should be filed with the JCGS&R no later than the end of the second week of classes.
   F. All prerequisites and deficiencies for the Master of Music in Jazz Studies 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 the week prior to the start of classes for the fall and spring sessions. Consult the Jazz Studies Division Head 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 administered by the Jazz Studies Division. The Examination includes tests in jazz theory & analysis, aural skills, music technology, and jazz history. A passing grade of 70% is required. Students falling below the 70% passing score may make up deficiencies in one of two ways:
   A. Retake the exam and score a passing grade.
   B. Enroll in course(s) as recommended 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 major, will perform an audition in his/her applied performance area. This exam should be completed prior to the first meeting of classes. Candidates should plan to present a 20 minute audition. An accompanist is not required for instrumental auditions. Vocalists should bring either an accompanist or backing-tracks. Candidates should consult with the Jazz Studies Division Head regarding music selection and other requirements for the audition.

IV. Advisory Committee
Every candidate for the Master of Music in Jazz Studies degree shall select an advisory committee consisting of the Jazz Studies Division Head, the candidate’s primary applied music instructor, and one additional faculty member.

Course enrollment should be approved by the Advisory Committee each semester. The Advisory Committee will approve and assist in the preparation of graduate projects and shall serve as jury for the candidate’s graduate recital or completed graduate CD album. The Advisory Committee will evaluate the final comprehensive examination. The Advisory Committee might change membership depending on various conditions appropriate to each candidate’s course of study.

V. Comprehensive Examination
Every candidate for the Master of Music in Jazz Studies degree must, at the conclusion of course work, pass a comprehensive examination based on all courses taken and general knowledge appropriate to a Jazz Studies graduate student. Students should apply to the Jazz Studies Division Head no later than the 5th 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.

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 research projects or appropriate music analysis projects approved by the Advisory Committee.

The Jazz Studies Division Head will inform the candidate when the Comprehensive Examination has been successfully completed.

VI. Graduate Recital or Graduate CD Album
In addition to the comprehensive examination, every candidate for the Master of Music in Jazz Studies with a Major in Performance degree must perform a graduate recital. The Advisory Committee must approve all material performed on the graduate recital. The Advisory Committee must also attend and approve a preview recital scheduled no later than two weeks prior to the actual recital date. The graduate recital must be comprehensive and represent a variety of styles in jazz and commercial music with a minimum length of 60 minutes. The recital must include at least one selection composed and arranged by the candidate. The recital must be professionally recorded and a copy of the mastered CD submitted to the Jazz Studies Division Head no later than ten days after the recital date.

In addition to the comprehensive examination, every candidate for the Master of Music in Jazz Studies with a Major in Commercial Music Production degree must complete a graduate CD album. The Advisory Committee must approve all material included on the finished album. The completed CD album must be commercial viable and mixed/mastered to an acceptable professional standard with a minimum length of 45 minutes. At least two tracks on the album must be composed by the candidate. All tracks must be arranged and produced by the candidate. All tracking, overdubs, editing, mixing, and mastering must be completed by the candidate utilizing recording technology at the Jazz Lab or within the School of Music.
VII. Master of Music in Jazz Studies Curriculum

A. Major in Performance
1. Ensemble Participation: ............................................................................................................. 6 hours
   To be chosen from Jazz Ensemble, Wind Symphony, Symphonic Band, Marching Band, Orchestra, Choir or other approved by Advisory Committee. For at least two semesters, students must participate in two concurrent ensembles. Jazz Ensemble is required every semester.
2. Applied Music (primary instrument/voice): ............................................................................. 8 hours
3. Applied Jazz Improvisation: .................................................................................................... 4 hours
4. Jazz History.................................................................................................................. 3 hours
5. Computer Music Technology: .................................................................................................. 2 hours
   Available in Fall Semester only.
6. Jazz & Commercial Music Arranging: .................................................................................... 3 hours
   Available in Spring Semester only.
7. Arts Management.................................................................................................................... 3 hours
   Available in Spring Semester only.
8. Jazz Pedagogy: ......................................................................................................................... 3 hours
9. Graduate Jazz Recital: ................................................................................................................ 2 hours

Total Requirements for Major in Performance: ........................................................................... 34 hours

B. Major in Commercial Music Production
1. Ensemble Participation: ............................................................................................................. 6 hours
   To be chosen from Jazz Ensemble, Wind Symphony, Symphonic Band, Marching Band, Orchestra, Choir or Other approved by Advisory Committee. For at least two semesters, students must participate in two concurrent ensembles. Jazz Ensemble is required every semester.
2. Applied Music (primary instrument/voice): ............................................................................. 4 hours
3. Applied Jazz Improvisation: .................................................................................................... 4 hours
4. Jazz History.................................................................................................................. 3 hours
5. Computer Music Technology: .................................................................................................. 2 hours
   Available in Fall Semester only.
6. Jazz & Commercial Music Arranging: .................................................................................... 3 hours
   Available in Spring Semester only.
7. Arts Management.................................................................................................................... 3 hours
   Available in Spring Semester only.
8. Advanced Recording Technology: .......................................................................................... 3 hours
   Available in Spring Semester only.
9. CD Album Pre-Production: ....................................................................................................... 2 hours
   Available in Fall Semester only.
10. CD Album Production: ............................................................................................................. 4 hours
    Available in Spring Semester only.

Total Requirements for Major in Commercial Music Production: .................................................. 34 hours
College of
Business Administration
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.

The University of Central Oklahoma is committed to a qualified and diverse student population. Admission decisions are recommended to the Jackson College of Graduate Studies & Research by the MBA Admissions Committee upon review of the complete application.

To ensure admission consideration for the semester indicated on the application:

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

<table>
<thead>
<tr>
<th>Semester</th>
<th>Application Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>July 15th</td>
</tr>
<tr>
<td>Spring</td>
<td>November 15th</td>
</tr>
</tbody>
</table>

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

1. Application for Graduate Admission
2. Non-refundable application fee
3. Official undergraduate and graduate transcripts from each institution attended. Proof of degree completion must be provided prior to formal admission. The transcript bearing the degree must be from an accredited institution.
4. TOEFL or IELTS score (if applicable)
5. Official GMAT results
6. Current Resume
7. Two Recommendation Forms/Letters from former instructors, employers, or other professionals who can evaluate the applicant’s potential to complete graduate study

C. Upon notification of acceptance from the Jackson College of Graduate Studies & Research, schedule an appointment with the Director of the MBA Program to complete the admission process.

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

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

II. M.Ed. in Adult Education Curriculum...........32 hrs
The Adult Education program offers two 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
PTE 5013 Foundations of Educational Research

Requirements for the two majors:
Major 1 - Training......................................18-21 hrs
Major 2 - Gerontology.................................22-25 hrs

Approved electives to total.............................32 hours

*Required for Adult Education/Training

Capstone Course:
ADED 5893 Adult Education Training*

* Required Prerequisites for Capstone Course

PTE 5013 Foundations of Educational Research
ADED 5133 Philosophical Foundations of Adult Educ.
ADED 5313 Techniques of Teaching Adults
ADED 5823 Nature & Characteristics of the Adult Learner

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

Anticipated Interest Groups for Training Major:
A. Business and industry trainers.
B. Educational consultants.
C. External trainers and consultants.
D. Career and technology students.
E. Administrators of adult education programs in business, industry, churches, municipalities, military services, etc.
F. Adult education teachers and counselors.
G. 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 regarding: 1) development of children, 2) learning theory, and 3) appropriate educational practices as well as the opportunity to develop competence in working with parents of young children.

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

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

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

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

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

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

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

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
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.

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 Business as their discipline area, the student must choose a specific field of business, such as Management. The student must complete 18 hours in the Management discipline. If there is a complementary course in a different business discipline, such as Marketing, determination for allowing that class will be made by the Graduate Advisor for this program.

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

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

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:

B. Teaching Specialization

Select eight (8) semester hours of graduate level course work in the teaching specialization area. Consult with the specialization area program advisor.

C. Approved Related Electives to total

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.

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 5123 Found. of Bilingual/Multicultural Educ.
   3. Measurement and Psychology
     TESL 5313 Test. & Eval. in Biling./ESL Classrooms
   4. Media and Curriculum
     Select one of the following:
     IME 5042 Microcomputers in the Classroom
     IME 5013 Library Materials for Sec. Schl.s
     IME 5223 Library Materials for Elem. Schl.s.
     IME 5543 Instr. Design & Devl I

C. Core Areas ........................................... 20 hrs

D. Capstone Experience ............................... 2 hrs

1. Specialization 14 hrs
   TESL 5763 Second Language Acquisition
   TESL 5783 Teaching Engl. as a Second Language
   TESL 5513 Tchng. Read. to Engl. Lang. Learners
   TESL 5163 ESL in Content Areas
   TESL 5212 Cultural/Linguistic Divers. in Schools

   Required:
   ENG 5413 TESL Grammar
   TESL 5413 Language Structure for ESL Tchrs
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
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.
   
   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

   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.

   PTE 5013 Foundation of Education Research ......................................................... 3 hrs

   * EADM 5543 Fund. of Public School Admin. ......................................................... 3 hrs

   PTE 5153 Advanced Developmental Psychology in an Educational Setting .......................... 3 hrs

   EADM 5453 Interpersonal Relationships/School Administration ............................................ 3 hrs

   EADM 5673 School Personnel Administration ......................................................... 3 hrs

   EADM 5683 Curriculum Leadership ........................................................................... 3 hrs

   EADM 5353 Computer Applications and Technology for School Administrators .............. 3 hrs

   EADM 5623 Supervision & Eval. of Instruct. .................................................................. 3 hrs

   EADM 5553 Legal Aspects of School Admin. ................................................................. 3 hrs

   EADM 5583 Public School Finance .......................................................................................... 3 hrs

   **EADM 5814 Principalship/Internship ........................................................................ 4 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.
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.

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.

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 Educator, 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.

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

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

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

Note: The 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.

II. Curriculum for MS in Family and Child Studies

A. Licensed Marriage & Family Therapist .... (46 hrs)

Prerequisites

FMCD 2213 Child Development or
PTE 4133 Child Psychology
FMCD 2223 Marriage
FMCD 3313 Guidance of the Young Child
FMCD 4413 Contemporary American Families
3 hours undergraduate statistics

Required Courses.................................(19 hours)

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 5422 Linking Families & Community
FMCD 5542 Leadership Principles and Advocacy
PTE 5013 Foundations of Educational Research

Specialization.............................................(select 15 hours)

PSY 5473 Theories and Techniques of Counseling
PSY 5483 Theories & Techniques of Grp Counseling
PSY 5533 Couples and Family Counseling
SAS 5273 Substance Abuse and the Family
PSY 5523 Child and Adolescent Counseling
GERO 5463 Bereavement Counseling

Guided Electives .................................(select 6 hours)

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

Internship and Practicum .........................(6 hours)

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

B. Family Life Educator............................ (34 hours)

Prerequisites

FMCD 2213 Child Development or
PTE 4133 Child Psychology
FMCD 2223 Marriage
FMCD 3313 Guidance of the Young Child
FMCD 4413 Contemporary American Families
3 hours undergraduate statistics

Required Courses.................................(19 hours)

FMCD 5542 Leadership Principles and Advocacy
FMCD 5023 Theories in Family and Child Studies
FMCD 5373 Life Span Devel. in Fam. & Child Studies
FMCD 5363 Ethics & Issues in Fam. & Child Studies
FMCD 5422 Linking Families & Community
PTE 5013 Foundations of Educational Research
FMCD 5043 Family Dynamics and Sexuality

Specialization Electives .........................(9 hours minimum)

FMCD 5523 Family Law and Public Policy
SAS 5273 Substance Abuse and the Family
ECED 5433 Theoret. Perspectives in Learn./Practice
GERO 5463 Bereavement Counseling
ADED 5342 Consulting Skills in Training & Devel.

Internship or Thesis ............................ (6-7 hours)

PTE 5413 Educ. Statistics (only if Thesis chosen)
FMCD 5994 Thesis
FMCD 5950 Internship (400 hours)
Program: Family and Child Studies
Degree: Master of Science (M.S.)

C. Family Support Specialist....................(40-41 hours)

Prerequisites
FMCD 3723 Infancy/Early Childhood Development
FMCD 3813 Developmental Assessment/Evaluation
FMCD 4874 Play, Curriculum, & Program Develop or
ECED 5433 Theoretical Persp in Lrng/Pract
3 hours undergraduate statistics

Required Courses.................................(19 hours)
FMCD 5023 Theories in Family and Child Studies
FMCD 5043 Family Dynamics and Sexuality
FMCD 5363 Ethics & Issues in Fam. & Child Studies
FMCD 5373 Life Span Devel. in Fam. & Child Studies
FMCD 5422 Linking Families & Community
PTE 5013 Foundations of Educational Research
FMCD 5542 Leadership Principles and Advocacy

Specialization Electives ..................(15 hours minimum)
FMCD 5523 Family Law and Public Policy or
CJ 5423 Child Abuse/Neglect Law
ECED 5232 Affirming Diversity: Multicultural Educ.
SLP 5232 Comm. Disorder Infant/Toddler or
SPED 5102 Lang Devel Spec Ed
SPED 5543 Counseling Fam. of Individuals w/Disab
SPED 5212 Legal Aspects in Special Education
ECED 5063 Develop, Learning, Family Involvement:
    Birth Through Three
SPED 5912 Autism and TBI
SPED 5431 Attention Deficit Disorder
SOC 5633 Social Welfare Theory
SOC 5463 The Abused

Internship or Thesis .........................(6-7 hours)
PTE 5413 Educ. Statistics (only if Thesis chosen)
FMCD 5994 Thesis
FMCD 5953 Internship (400 hours, 2 semesters, 6 hrs)
University of Central Oklahoma  
Graduate Catalog, 2007 - 2008

Program: **Guidance and Counseling**  
Degree: Master of Education (M.Ed.)  
College: Education and Professional Studies

---

**Guidance and Counseling (M.Ed.)**

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

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

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

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

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

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

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

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

---

64
E. Must complete an interview with at least two members of the Guidance and Counseling Curriculum Committee with a favorable recommendation. Recommendations for admission are made through the Curriculum Committee for Guidance and Counseling. This committee serves as a policy-making body, and considers applications for admission to the program, the practicum and the internship. Any problems related to admission, retention, organization or administration of the program must be approved by this committee. The student has the right to appeal all decisions.

NOTE: During the first semester after formal acceptance into the Guidance and Counseling Program the student must meet with 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

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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013</td>
<td>Foundations of Educ. Research</td>
</tr>
<tr>
<td>PTE 5383</td>
<td>Principles of Tests and Measurements</td>
</tr>
<tr>
<td>GUID 5013</td>
<td>Principles of Guidance and Counseling</td>
</tr>
<tr>
<td>GUID 5133</td>
<td>Multicultural Counseling</td>
</tr>
<tr>
<td>GUID 5443</td>
<td>Career Guidance</td>
</tr>
<tr>
<td>GUID 5163</td>
<td>Theories &amp; Techniques of Individual Counseling</td>
</tr>
<tr>
<td>GUID 5113</td>
<td>Theories &amp; Techniques of Group Counseling</td>
</tr>
<tr>
<td>GUID 5253</td>
<td>Developmental Guidance</td>
</tr>
<tr>
<td>GUID 5153</td>
<td>Counseling Intervention Strategies</td>
</tr>
<tr>
<td>GUID 5953</td>
<td>Internship</td>
</tr>
</tbody>
</table>

**Total Hours Required**

Total Hrs 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.
Instructional Media (M.Ed.)

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

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

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

<table>
<thead>
<tr>
<th>15 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTE 5013 Foundations of Education Research</td>
</tr>
<tr>
<td>IME 5133 Graphic &amp; Video Prod. (Prereq. IME 3312)</td>
</tr>
<tr>
<td>IME 5243 Effective Writing in Instructional Technology</td>
</tr>
<tr>
<td>IME 5543 Instructional Design &amp; Development I</td>
</tr>
<tr>
<td>IME 5863 Elements of Web Design</td>
</tr>
</tbody>
</table>

B. Library Information Major

<table>
<thead>
<tr>
<th>21 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IME 5013 Library Materials for Secondary Schools</td>
</tr>
<tr>
<td>IME 5023 Materials Selection</td>
</tr>
<tr>
<td>IME 5053 Schl. Lib. Administration &amp; Internship</td>
</tr>
<tr>
<td>IME 5223 Public Relations and Information Skills</td>
</tr>
<tr>
<td>IME 5233 Library Materials for Elementary Schools</td>
</tr>
<tr>
<td>IME 5423 Reference &amp; Bibliography</td>
</tr>
<tr>
<td>IME 5453 Cataloging &amp; Classification</td>
</tr>
</tbody>
</table>

C. Applied Technology Major

<table>
<thead>
<tr>
<th>21 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IME 5143 Instructional Tech. Foundations</td>
</tr>
<tr>
<td>IME 5313 Collaborative Design of Multimedia Materials</td>
</tr>
<tr>
<td>IME 5323 Issues in Distance Education</td>
</tr>
<tr>
<td>IME 5413 Managing Computer &amp; Information Centers</td>
</tr>
<tr>
<td>IME 5613 Instructional Design &amp; Devel. II (prerequisite IME 5543)</td>
</tr>
<tr>
<td>IME 5713 Evaluation &amp; Change in the Instructional Devel. Process (prerequisites IME 5543 &amp; 5613)</td>
</tr>
<tr>
<td>IME 5953 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.
Nutrition & Food Management (M.S.)

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

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

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

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

A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404, NUC.
Note: No student will be admitted to this program or to the Jackson College of Graduate Studies & Research who does not meet the program admission standard of 2.75 GPA overall, or 2.75 GPA in the last 60 hours attempted.
B. Complete all undergraduate prerequisites as needed.

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

General:

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

Science:

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

Business:

ACCTG 2113 Accounting I
MNGT 3103 Fundamentals of Management
MRKT 3013 Fundamentals of Marketing
STAT 3103 Statistical Methods I

Food and Nutrition

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

Nutrition and Food Management ..........................32 hrs

The plan of study may be selected from the following:

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

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

Dietetic Internship .............................................32 hrs

SEE NEXT PAGE FOR REQUIREMENTS LISTING

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

**Dietetic Internship** .............................................32 hrs

Admission requirements for Dietetic Internship

ONLY: In addition to meeting the admission requirements in I. above, the following requirements must be met.

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

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

3. A personal or telephone interview with members of the admissions committee may be arranged at the committee’s discretion.

NOTE: Applicants will be ranked on a point system for acceptance into the program since only a limited number of applicants can be accepted each semester. The University of Central Oklahoma participates in the computer-matching program sponsored by the American Dietetic Association.

Those courses marked with the asterisk (*) are required for the Dietetic Internship.

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

**Additional electives to total** ..................................32 hrs

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

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

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
Program: Psychology
Degree: Master of Arts (M.A.)
College: Education and Professional Studies

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: Experimental Psychology; School Psychology; General Psychology; and Counseling 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.

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

Note: No student will be admitted to the Counseling Psychology major or to the Jackson College of Graduate Studies & Research who does not meet the admission standard of 3.0 GPA overall, or 3.0 GPA in the last 60 hours attempted. (Please also note the additional requirements for the Counseling Psychology major listed below.)

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. 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.

C. 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.

D. 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.

Acceptance into the Master’s of Arts in Counseling Psychology major requires an additional application process. Therefore, the process is completed in three stages:

1. Application to the Jackson College of Graduate Studies and Research (as previously stated).
2. Meet requirements for admission to the Master of Arts - Counseling Psychology major (as previously stated).
3. Additional Application Materials to the Counseling Psychology Program: Submit hard copies of the following information to the Counseling Psychology major in a single large envelope (address below):
   a. Completed Counseling Psychology major application (obtained from the Department of Psychology).
   b. Three (3) letters of recommendation (individually sealed in separate envelopes with the recommender’s signature written across the front flap, and the candidate’s name on the front).
   c. Original copies of all college transcripts (undergraduate and graduate).
   d. Copies of GRE scores.

Mailing Address:
Departmental Secretary
Department of Psychology
Attn. Counseling Psychology major
100 N. University Drive, Box 85, Edmond, OK 73034

All application materials must be received on or before March 1 for Fall Admission and November 1 for Spring Admission. Applications received after these dates will not be reviewed.
Reading (M.Ed.)

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

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

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

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

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

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

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

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

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

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

1. A Standard Teaching Certificate is not required as a prerequisite to the program.
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).
3. Two years of successful teaching experience and/or clinical reading experience in an accredited elementary or secondary school. This requirement may be waived by the Director of the Reading Program. However, it must be complied with before certification requirements can be met. If the experience is teaching, a year is considered to be six months (120 days) or more of full-time work in one session or two consecutive sessions. If the experience is clinical, a year is considered to be two months (40 days) or more of full-time work in one session or two consecutive sessions.

II. M.Ed. in Reading Curriculum........................................32 hrs

Total of Areas A & B.................................................. 32 hrs

Area A-Reading Specialization.................................... min. 22 hrs

1. Theoretical Foundation of Reading.............. min. 6 hrs
   READG 5623 Found. & Survey of Reading - Fall
   READG 5663 Theorct. Basis of Reading - Spr

2. Diagnosis and Correction....................................... 6 hrs
   *READG 5843-1 Diag. & Correct. of Readg. Disab. - Fall
   *READG 5443-2 Assess. of Dysl. & Rel. Readg. Disorders - Spr

3. Clinical and Classroom Experience................. 8 hrs
   READG 5854 *3  Clinical Practices in Readg - Su
   READG 5913 Balanced Reading - Fall
   READG 5901 Practicum: Field Exper. - Fall, Spring

4. Professional Development.................................... 2 hrs
   READG 5712 Organ. & Super. of Readg Prog. - Su

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

Area B-Professional Education Area..............................10 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.......................................................... 3 hrs
   PTE 5013 Found. of Education Research

2. Language & Literacy............................................. 2-3 hrs

3. Diagnosis and Correction
   ENGL 5433 Linguistics
   ENG 5323 History of the English Language
   SPED 5102 Language Development in Sp. Ed.
   ELED 5223 Literature Based Lang. Arts Instr.

4. Clinical and Classroom Experience
   GUID 5333 Indiv. Test Interp. - Summer, Fall
   PTE 5413 Educational Statistics
   PTE 5383 Principles of Test and Measurements
   PSY 5803 Indiv. Testing Techniques - Wechsler

5. Professional Development
   TESL 5962 Inst.-Multicultural Ed - weekend - Spr.
   PTE 5203 Adv. Educational Psych.
   PTE 5822 Adv. Psych. of Childhood
   SPED 5443 Behavior/Classroom Management

The Capstone Experience for an 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 will apply for additional certification directly to the Oklahoma State Department of Education through that agency’s Alternative Certification program.
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 for Exceptional Children.
2. The program will provide graduate students opportunities to become reflective, responsive, and resourceful in meeting the academic, behavioral, emotional, and social needs of the specific area of specialization selected.
3. The program will provide experiences for graduate students to develop the ability to facilitate learning through implementation of various teaching strategies, manage classrooms and behavior, assess academic levels, plan individualized education programs, provide service to the community, and conduct relevant research.

The graduate program in 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 a standard 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.

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
(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.........................................................3 hrs
   PTE 5013 Foundations of Educational Research

B. Core Courses.................................19 hrs
   READ 5833 Diagnosis/Intervention in Reading
   SPED 5102 Language Develop. in Spec. Education
   SPED 5212 Legal Aspects of Special Education
   SPED 5303 Assessing the Exceptional Individual
   SPED 5232 Educational Strategies for Young Children with Special Needs
   SPED 5443 Behavioral/Classroom Management
   SPED 5582 Secondary Special Education

C. Mild-Moderate Disabilities.......................15 hrs
   SPED 5242 Found. of Mild-Moderate Disabilities
   SPED 5842 Curr. Dev. for Mild-Mod. Disabilities
   SPED 5653 Proced. for Mild-Mod. Learn. Disabilities
   SPED 5763 Proced. for Mild-Mod. Mental Retardation
   SPED 5743 Proced. for Mild-Mod. Emotional Behav. Disorders
   SPED 5901 Practicum in Spec. Educ. (Mild-Mod. Disabilities)

   SPED 5901 Practicum in Spec. Educ. (Emotional/Behav. Disabilities)
   OR

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

If seeking certification, the student will need to complete the major support courses, professional education courses, pass the OGET, the OPTE, and the Oklahoma Subject Area Test in Severe-Profound/Multiple Disabilities or Mild/Moderate Disabilities 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.
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.
   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 ............46 hrs

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

   A typical course sequence to complete the Masters Degree would be as follows:
   - SLP 5243 Diagnostic Methods in SLP
   - SPL 5272 Neuroscience in SPL
   - SPL 5252 Advanced Normal Language Dev.
   - SLP 5363 Aphasia I
   - SLP 5302 Augmentative Communication
   - SLP 5292 Aphasia II
   - SLP 5282 Advanced Articulation Disorders
   - SLP 5343 Dysphagia
   - SLP 5262 Advanced Language Disorders
   - SPL 5232 Commun. Disorders in Infants & Toddlers
   - SPL 5112 Speech and Hearing Science
   - SLP 5352 Cleft Palate
   - *PT 5153 Foundations of Educational Research
   - *SLP 5900 Practicum (min. 5 hrs)
   - SPL 5903 Internship (P.S. School - 3 hrs)
   - SLP 5952 Evaluating Clinical Effectiveness (2 hrs)
   - SPL 5904 Internship (Medical Setting - 4 hrs)

   *5900 Clinical Practicum completed over 4 semesters: Fall 1 hr, Spr 1 hr, Sum 2 hrs, plus 1 hr with PS Internship.
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 two- to four-hour Thesis or Internship is required. This requirement will provide the student with intensified experience and knowledge of wellness through a research project leading to the thesis or an on-site agency internship experience.

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

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

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

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

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.
# Health Studies Major

**34-36 hrs**

**Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 5113</td>
<td>Legal and Ethical Principles of Wellness Management</td>
<td>3</td>
</tr>
<tr>
<td>PHED 5393</td>
<td>Research in Health Education &amp; Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5233</td>
<td>Assessment of Health and Exercise Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 5422</td>
<td>Grant Writing</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 5313</td>
<td>Wellness Intervention Strategies and Skills</td>
<td>3</td>
</tr>
<tr>
<td>SOC 5233</td>
<td>Human Behavior and Social Environment</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 5223</td>
<td>Contemp. Issues in Health &amp; Wellness</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5213</td>
<td>Organizational Behavior and Leadership in Wellness Programs</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Project**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH KINS 5952-4</td>
<td>Internship OR</td>
<td>2-4</td>
</tr>
<tr>
<td>HLTH 5992-4</td>
<td>Thesis</td>
<td>2-4</td>
</tr>
</tbody>
</table>

**Elective Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADED 5453</td>
<td>Psychology of Adult Development</td>
<td>3</td>
</tr>
<tr>
<td>FMCD 5373</td>
<td>Life-Span Human Development in Child &amp; Family Studies</td>
<td>3</td>
</tr>
<tr>
<td>GER 5023</td>
<td>Orientation to Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>GER 5342</td>
<td>Politics of Aging</td>
<td>3</td>
</tr>
<tr>
<td>GER 5463</td>
<td>Bereavement Counseling</td>
<td>3</td>
</tr>
<tr>
<td>GER 5731</td>
<td>Drug Issues for Older Adults</td>
<td>3</td>
</tr>
<tr>
<td>GER 5443</td>
<td>Biology of Human Aging</td>
<td>3</td>
</tr>
<tr>
<td>SAS 5303</td>
<td>Substance Abuse and Special Populations</td>
<td>3</td>
</tr>
<tr>
<td>SAS 5343</td>
<td>Prevention and Education in Substance Abuse Studies</td>
<td>3</td>
</tr>
<tr>
<td>*SAS 5910</td>
<td>Special Topics (1-3 hrs)</td>
<td>1-3</td>
</tr>
<tr>
<td>*GERO 5910</td>
<td>Special Topics (1-3 hrs)</td>
<td>1-3</td>
</tr>
</tbody>
</table>

*Special Topics requires pre-approval by program coordinator

---

# Exercise Science Major

**32 hrs**

**Common Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 5113</td>
<td>Legal and Ethical Principles of Wellness Management</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5233</td>
<td>Assessment of Health and Exercise Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PHED 5393</td>
<td>Research in Health Education &amp; Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 5313</td>
<td>Wellness Intervention Strategies and Skills</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5223</td>
<td>Technology &amp; Media for Wellness Managers</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 5303</td>
<td>Physiological Basis of Human Performance</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5303</td>
<td>Diagnostic Tests &amp; Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5333</td>
<td>Rehabilitative Exercise for Special Populations</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5952-4</td>
<td>Internship OR</td>
<td>2-4</td>
</tr>
<tr>
<td>KINS 5992-4</td>
<td>Thesis</td>
<td>2-4</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER 5363</td>
<td>Psychology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>GER 5443</td>
<td>Biology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>NTRN 5032</td>
<td>Nutrition Education</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5423</td>
<td>Strength Development and Training Methods</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5403</td>
<td>Biomechanical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>KINS 5213</td>
<td>Organizational Behavior &amp; Leadership in Wellness Programs</td>
<td>3</td>
</tr>
</tbody>
</table>
Certification Programs
Preparation for Teacher Certification and Licensure
College: Education and Professional Studies

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.
Preparation for Teacher Certification and Licensure
College: Education and Professional Studies

G. After completing certification requirements obtain an application for certification from Teacher Education Services office.
H. For certification at any level the applicant must hold a bachelor’s degree. For certification in graduate programs, the applicant must hold a master’s degree.
I. After all applicable course work has been posted on the UCO transcript, including the degree, if appropriate, candidates submit a complete UCO official transcript along with the completed license or certificate application form to the UCO Teacher Education Services Office for review and recommendation. If courses needed for certification were completed at an institution other than UCO and those courses do NOT appear on the UCO transcript, official copies of those transcripts MUST be submitted with the application form for certification. UCO will not supply official copies of transcripts from other universities. Applications cannot be processed without official transcripts which reflect all required course work.
J. Effective November 1, 2001, Oklahoma requires applicants for initial teacher licensure to have on file with the Oklahoma State Board of Education a current OSBI and FBI fingerprint-based criminal history record. Fingerprint cards for this purpose are available in the Education Building, Room 207.
K. When the Director of Teacher Certification at UCO completes the review of course work with respect to the appropriate UCO approved program requirements and certifies that those requirements have been completed, and the Dean concurs, the application is then forwarded to the Teacher Certification Section of the State Department of Education.

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

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

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

Admission to Teacher Education
Students at the University of Central Oklahoma who expect to become candidates for the Bachelor of Arts in Education, the Bachelor of Science in Education, 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 in from an appropriate official, i.e., advisor, registrar, or dean stating they would be permitted to enroll in such courses at their home college.
Preparation for Teacher Certification and Licensure
College: Education and Professional Studies

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 in lieu of an equal number of semester 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.
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
   b. 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 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, Careerl-Technical, Library Media Specialist, Speech-Language Pathology, or an Elementary/Secondary teaching field.

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

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

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

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

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

School Principal Required Course Work ..........34 hrs

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

Total ........................................................................................................34 hrs

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

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

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 Reading Specialist Certification

College: Education and Professional Studies

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.

Reading Specialist Certificate Courses ............ 32 hrs

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-*1 Diagnosis and Correction of Reading Disabilities Fall
   READ 5443-*2 Assessment of Dislexia and Related Reading Disorders
3. Clinical Experience ...................... 8 hrs minimum
   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 Instruc.
3. Measurement ................................... 2-3 hrs
   GUID 5333 Individual Test Interpretation-
      Summer, Fall
   PTE 5413 Educational Statistics
   PSY 5803 Individual Testing Techniques-Wechsler
   PTE 5383 Principles of Test and Measurements
4. Theories & Methods of Learning .......... 2-3 hrs
   TESL 5962 Inst-Multicultural Education-wkend sp.
   SPED 5443 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
- PTE 5383 Principles of Tests & Measurements
- GUID 5013 Prin. of Guidance & Counseling
- GUID 5163 Theo. & Tech. of Individ. School Cnslg
- GUID 5133 Multicultural Counseling
  Prerequisite: GUID 5163
- GUID 5443 Career Guidance
  Prerequisite: GUID 5013 or concurrent enrollment
- GUID 5113 Theories & Tech. of Group Cnslg.
  Prerequisite: GUID 5163
- GUID 5153 Counseling Intervention Strategies
  Prerequisite: GUID 5163
- GUID 5253 Developmental Guidance
  Prerequisites: GUID 5013 & PTE 5153
* GUID 5953 Internship
  Prerequisites: GUID 5163, 5113, 5153
*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)

2. Admission to the program through the University of Central Oklahoma School Psychology Review Board is a prerequisite to completion of the program.

General Guidelines
1. The minimum requirements for the standard School Psychologist Certificate include a master’s degree in one of the following areas: psychology, educational psychology, child psychology, special education, counseling, or a related field.
2. The Standard Certificate is the only certificate option available for the School Psychologist.
3. The applicant shall pass the school psychologist state curriculum examination prior to being issued the certificate.
4. The applicant must complete a minimum of sixty (60) semester hours of graduate courses as outlined below.
5. The graduate course work required in the area of specialization may be counted from work completed for the Psychometry/Educational Diagnostician Certificate program, from work completed for the master’s degree, and from graduate course work beyond the master’s degree. The specific required course work for the School Psychology Certificate is outlined below.
6. All course work must be completed at the graduate level.
7. A minimum of the last nine semester hours of course work must be completed at the University of Central Oklahoma for certificate recommendation by UCO.

Required Course Work ........................................... 60 hrs

A. Core .............................................................. 40 hrs
   - EADM 5543 Fund. of Public School Admin. 3 hrs
   - PSY 5383 Multivariate Analysis OR
   - PTE 5413 Educational Statistics 3 hrs
   - PSY 5143 Advanced Develop. Psych. 3 hrs
     OR
   - PTE 5822 Advanced Psych. of Childhood, AND
   - PTE 5832 Advanced Psych. of Adolescence
   - PSY 5633 Modern Learning Theories OR
   - PTE 5203 Advanced Educational Psych 3 hrs
   - PSY 5233 Psychopathology 3 hrs
   - PSY 5253 Psychodiagnostic Survey 3 hrs
   - PSY 5013 Biosocial Psychology 3 hrs
   - PSY 5722 Intro. to School Psychol. Services 2 hrs
   - PSY 5803 Ind. Test. Tech. - Wechsler 3 hrs
   - PSY 5813 Diagnostic Testing Techniques 3 hrs
   - SPED 5913 Cnsling. Fam. of Except. Children 3 hrs
   - PTE 5383 Prin. of Tests & Measurements 3 hrs
   - SPED 5443 Behavioral Classroom Mgmt 3 hrs
   - PSY 5893 Capstone in School Psychology 3 hrs

B. Counseling ...................................................... 6 hrs
   - GUID 5153 Counseling Intervention Strategies
   - GUID 5213 Counselor as Consultant
   - PSY 5473 Individual Counseling
   - PSY 5483 Group Counseling
   - PSY 5523 Child and Adolescent Counseling

C. Practicum ......................................................... 4 hrs
   - PSY 5902 Practicum in School Psychometry 2 hrs
     (150 clock hours of direct services)
   - PSY 5902 Practicum in Sch. Psych. Services 2 hrs
     (150 clock hours of direct services)

D. Internship ......................................................... 6 hrs
   - PSY 5956 Internship School Psych. 6 hrs
     (1200 clock hours direct services)

The remaining semester hours of graduate course work may be taken from related areas and/or areas required for completion of the master’s degree.

Total - Standard Certificate: .................................. 60 hrs

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 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
   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 5142 History of Education OR
   PTE 5172 Educational Sociology
   PTE 4533 Educational Psychology
   PTE 4133 Child Psychology OR
   PTE 4153 Adolescent Psychology
3. Admission to the program through the University of Central Oklahoma School Psychology Review Board is a prerequisite to completion of the program.

General Guidelines
1. The minimum requirements for the standard Psychometrist/Educational Diagnostician Certificate include a master's degree in one of the following areas: psychology, educational psychology, child psychology, special education, counseling, or a related field.
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

A. Core Area - A minimum of twelve semester hours is required with one course in each of the following four areas (1-4)
   1. Special Education
      SPED 5913 Counseling Families of Exceptional Children OR
      SPED 5443 Behavioral Classroom Management
   2. Psychology of School-age Children
      PSY 5143 Advanced Developmental Psychology OR
      PTE 5822 Advanced Psychology of Childhood OR
      PTE 5832 Advanced Psych. of Adolescence
   3. Special Psychology
      PSY 5233 Psychopathology
   4. Statistics
      PSY 5383 Multivariate Analysis OR
      PTE 5413 Educational Statistics

B. Psychoeducational Diagnostic Procedures
   PSY 5803 Ind. Test. Tech. - Wechsler
   PSY 5813 Diagnostic Testing Techniques
   PTE 5383 Prin. of Tests and Measure

C. Practicum in School Psychometry
   PSY 5902 Practicum in Sch. Psychometry (150 clock hours direct service)

D. School Psychological Services
   PSY 5722 Intro. to School Psych. Services


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
College: Education and Professional Studies

Speech-Language Pathology Certification

Completion of the required courses will enable the student to apply for official certification. This certificate authorizes the holder to provide speech-language pathology services in any accredited school in Oklahoma. A list of required courses may be obtained from the program advisor.

The speech-language pathologist is a professional concerned with clinical diagnosis, evaluation and remediation of communication handicaps which impair an individual’s ability to appropriately access social and academic learning experiences.

This program consists of an approved program at the undergraduate level and at the graduate level.

General Guidelines for the Standard Speech-Language Pathology Certificate

1. The applicant must satisfy all criteria for elementary-secondary school certificate programs, including admission to teacher education standards.
2. Individuals who have not previously completed a teacher education program must apply for and be admitted to teacher education at the University of Central Oklahoma before certification will be recommended.
3. The applicant must hold the master's degree for the Standard Certificate.
4. The applicant shall pass the state curriculum examination in Speech-Language Pathology 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.

Standard Speech-Language Pathology Certificate (Additional Guidelines)

1. The applicant must satisfy all requirements related to formal admission to Graduate Studies in the UCO approved program for the Standard Speech-Language Pathology Certificate.
2. The applicant must complete an approved program for the Speech-Language Pathology Certificate which consists of a minimum of thirty-five semester hours of graduate course work culminating in a Master’s Degree.
3. The academic and practicum requirements of the ASHA C.C.C. must be met before an individual can receive a master’s degree in speech-language pathology (SLP) and before standard certification can be recommended. If an individual holds a bachelor degree in an area other than speech-language pathology, a number of prerequisites will be required in the specialization area. The standard requirements for ASHA C.C.C. and the master’s degree combined are greater than the 35 semester hours required for the Master’s Degree alone. Again, the Master’s Degree will not be conferred unless ALL academic and practicum requirements for national certification (ASHA -C.C.C.) have been met. The individual seeking a certificate/degree in speech-language pathology will need to contact an advisor in that area for specifics.
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.

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

   *(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

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 5053 Principles of Management in Criminal Justice Organizations
   CJ 5153 Research and Planning
   CJ 5643 Advanced Crime Theory
   CJ 5233 Writing and Evaluating Research

B. Thesis Option ............................................................................................................................. 36 hrs
   1. Fifteen (15) 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-one (21) 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.
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.
   **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 hrs (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 5353 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.

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 hrs. of literature to 1900 excluding single-author courses

B. 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 a minimum total of 32 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

A. Students must complete satisfactorily either:
   PTE 5013 Found. of Educ. Research OR
   ENG 5013 Bibliog. Methods of Research.

B. Students must complete satisfactorily
   TESL 5313 Test. & Eval. in Biling. & TESL Clsrms
   ENG 5413 TESL Grammar
   TESL 5763 Second Language Acquisition
   TESL 5783 Teaching Eng. as a Second Lang.

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. 

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

A. Master of Arts in History

1. Core Courses

   - 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.
Program: History
Degree: Master of Arts (M.A.)

**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. M.A. in History - Museum Studies**

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.

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. M.A. 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. Pol. Sci., Econ., or Soc. .......................... 3 hrs
6. Education ........................................ 5-9 hrs

   The 5-9 hours in Teacher Education must be selected from the following:
   - PTE 5012 Found. of Educ Research .................... 3 hrs
   - PTE 5963 Mat'l's & Meth in Mid Schl Teach.. 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 Jackson College of Graduate Studies and Research will be present at the defense.

Students who choose to write a thesis must enroll in HIST 5990 - Thesis for a total of six hours.

In addition, the Advisory Committee may require the candidate to have a reading knowledge of a foreign language or other research tool which they believe essential for the completion of the thesis. The committee will strongly advise all students who plan to continue their graduate studies on the doctoral level to have at least one foreign language.

**E. Final Examinations**

Final examinations are required of all students. In each case, the student's Advisory Committee will serve as the Examining Committee.

Non-thesis students for the General History and Museum Studies 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.
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.

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:

GRE Score divided by 500 + GPA ≥ 5.0 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](http://www.gre.com) on-line.

H. Students may also be admitted as a conditional admission student. See page 19 for Admission - Conditional Status Criteria.

II. Advisement

The Chairperson of the department will assign an advisor from among the graduate faculty of the Political Science department to advise the student during the course of his/her graduate study. Other members of the faculty may be called upon as needed.

III. M.A. in Political Science

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5023</td>
<td>Scope of the Discipline</td>
<td>3</td>
</tr>
<tr>
<td>POL 5033</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>POL 5153</td>
<td>American Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 5813</td>
<td>Political Philosophy</td>
<td>3</td>
</tr>
</tbody>
</table>

B. Research Component

The student will fulfill the following requirement, in consultation with the faculty advisor:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 5990</td>
<td>Thesis</td>
<td>6</td>
</tr>
</tbody>
</table>

The thesis must be publicly defended at a time arranged by the chair of the student’s thesis committee.
C. Subject Area Competency Examination Component
The student will pass a Subject Area Competency Examination in one of the following subject areas:

- American Government
- International Relations
- Comparative Government
- Public Administration
- Public Law

Examinations will be established on a schedule determined by the Graduate Advisor. Students may re-take an exam only once and only upon approval by the Graduate Advisor.

General Political Science 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.

Required Courses
Two of the following:

- 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

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

- POL 5603 Theories of International Relations
- POL 5703 Theories of Comparative Politics

Electives

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

- POL 5193 Public Finance and Municipal Budget
- POL 5413 Public Policy Analysis

Electives
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
LAR Room 204A
Department of History and Geography
jplaks@ucok.edu
College of
Mathematics and Science
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.

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

B. Achieve a minimum grade point average of 3.00 overall, and a 3.00 in the last 60 hours of courses attempted.

C. Exhibit proficiency in one algorithmic computer language.

D. Complete a minimum of three (3) semester hours of English Composition in residence at an accredited college or university in a predominantly English-speaking country.

E. Complete all prerequisite courses for the program:

1. Core requirements for all majors:
   - Matrix Algebra or Linear Algebra
   - Differential Equations
   - Analysis 1 or Advanced Calculus 1
   - Numerical Analysis I
   - Mathematical Statistics I

2. Additional prerequisites—Computer Science major
   - Computer Organization I
   - Programming I and II
   - Advanced Programming for Math Applications
   - 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 Math. 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

1. Mathematics Major .............................. 9 hrs
MATH 5153 Advanced Calculus for Applications II
MATH 5183 Numerical Analysis II
MATH 5453 Mathematical Modeling
Electives .............................................. 12 hrs

Chosen from Mathematics and Statistics courses
Research .............................................. 3 hrs
MATH 5853 Introduction to Research

2. Computer Science Major .........................
CMSC 5043 Applied Database Management
CMSC 5053 Operating Systems
CMSC 5273 Theory of Computing
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

Enrollment in Math 5980 (project) and Math 5990 (thesis) will be limited to those candidates who have excelled in Math 5853 (Introduction to Research) and who have the approval of the Graduate Advisor and the candidate's advisory committee. A member of the candidate's advisory committee will direct the thesis or project. A maximum of three hours of credit will count towards the degree upon acceptance of the project/thesis by the student's advisory committee.

Any graduate student entering in the Fall, 2001 semester and thereafter who elects to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies and Research will be present at the defense.

B. Final Examinations
Each candidate is required to take a written examination of four hours over his/her graduate course work with the approval of the advisory committee. If the examining committee should find the candidate's performance on the comprehensive examination unsatisfactory, the candidate may petition the Director of Graduate Studies to be re-examined. Request for re-examination will not be granted more than one time.
Biology (M.S.)

The Master of Science in Biology program provides students with breadth and depth of training in Biology beyond that provided by the baccalaureate degree. Students may select either the Field/Laboratory or Literature Thesis options. Both options provide students with a Capstone experience consisting of a thesis that addresses scientific question, objectives, or hypotheses using the scientific method.

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

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

I. Admission Requirements for the M.S. in Biology:
A. Apply for admission to the Jackson College of Graduate Studies & Research, Room 404 NUC.
   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: GRE Score Divided by 400 + *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
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.
NOTE: Any graduate student entering in the Fall, 2001 semester and thereafter who elects or is required to submit a thesis must publicly defend the thesis before the student will be allowed to graduate. A representative of the Jackson College of Graduate Studies & Research will be present at the defense.

V. Comprehensive Examination
A. Each student is required to pass a final written examination which will test the candidate’s proficiency in each of the areas listed under III. C. above.
B. Each student is required to make an oral presentation of the thesis to the Faculty.
C. Each student is required to pass an oral examination over the thesis, to be administered by the student’s thesis committee.
NOTE: In the event of an unsatisfactory performance on any of these examinations, the candidate may petition to be re-examined during the graduate exam period of the following semester. Re-examination, except in extraordinary circumstances, will be allowed only once.
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.

**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, or 2.75 overall and a 3.0 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. GRE Test scores are required for admission determination. A total of 1150 (combined GRE verbal and quantitative scores) is recommended. Scores must be submitted before acceptance to the program.

E. Receive approval for admission to the program from the Engineering and Physics Admissions Committee.

F. Applicants who have course or prerequisite deficiencies may be considered for admission to the program. Students with course deficiencies will be advised to complete 3000 and/or 4000 level courses in physics and engineering as preparation for the 5000 level courses.

G. 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

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 I
PHY 5443  Quantum Mechanics

To complete the core requirements, at least four of the following courses must also be completed:

ENGR 5023  Thermal Science
ENGR 5083  Electromagnetic Fields II
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 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.
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.
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:
   \[(\text{Reported Score} \times 100) + 200 = \text{Converted Score}\]
   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 program advisor. Undergraduate prerequisite as determined by the program advisor must be completed during the first year of the graduate program. All prerequisite classes for all program options require a grade of C or better.

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

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

- CJ 5313 Ethics and Testimony
- POL 5323 The Constitution & Criminal Procedure
- FRSC 5102 Physical Aspects of Forensic Science
- FRSC 5202 Biological Aspects of Forensic Science

34 hrs

10 hrs
B. Major Requirements ........................................................................................................................................24 hrs

1. Criminalistics
   
   **Required Courses** .................................................................................................................................. 15-17 hrs
   
   - FRSC 5112 Physical Aspects of Forensic Science Laboratory
   - FRSC 5212 Biological Aspects of Forensic Science Laboratory
   - FRSC 5323 Forensic Toxicology and Laboratory
   - FRSC 5333 Forensic Molecular Biology & Lab.
   - BIO 5743 Molecular and Population Genetics
   - FRSC 5992-4 Thesis OR
   - FRSC 5902-4 Practicum in Forensic Science

   *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

   Any course(s) from the Technical Investigations or Nursing Options for which prerequisites have been met or others as approved by the Program Director.

2. Technical Investigations
   
   **Required courses** ................................................................................................................................... 17-19 hrs
   
   - FRSC 5043 Practical Crime Scene Processing
   - FRSC 5313 Death Investigation
   - FRSC 5413 Bloodstain Pattern Analysis I
   - MCOM 5413 Techniques of Forensic Photography
   - FRSC 5992-4 Thesis OR
   - FRSC 5902-4 Practicum in Forensic Science
   - FRSC 5143 Crime Scene Investigation and Reconstruction

   *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
   
   **Required courses** .................................................................................................................................... 27 hrs
   
   - NURS 5513 Psychiatric Forensic Nursing
   - NURS 5523 Sexual Assault Forensics
   - NURS 5533 Child Abuse Forensics
   - NURS 5543 Domestic Violence Forensics
   - FRSC 5313 Death Investigation
   - FRSC 5413 Bloodstain Pattern Analysis I
   - FRSC 5903 Practicum in Clinical Forensics
   - FRSC 2043 Practical Crime Scene Processing
   - FRSC 5143 Crime Scene Investigation & Reconstruct.
**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 College of Graduate Studies and Research will be present at the defense. See thesis format and submission requirements in this catalog as well as the Thesis Guidelines from the Department of Chemistry.

Dr. 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

Name, College
Degree, Institution, Date of Degree
*Associate Graduate Faculty (three-year term)
#Application in process of approval by Graduate Council

A

*Abernathy, Clayton F., Education and Professional Studies, AS, Oklahoma State University, 1967; BS, University of Central Oklahoma, 1991; M.Ed., University of Central Oklahoma, 2004

Absher, Anita G., Education and Professional Studies, BS, Oklahoma State University, 1978; MS University of Central Oklahoma, 1983; PhD, Oklahoma State University, 2005

Adamiak, Stanley J., Liberal Arts, BA, University of Vermont, 1988; MA, University of Nebraska, 1990; PhD, University of Nebraska, 1994

Adams, Dwoight E., Mathematics and Science, BS, University of Central Oklahoma, 1977; MS, Illinois State University, 1979; PhD, University of Oklahoma, 1982

*Adams, Gwendolyn, Arts, Media & Design, BA, University of Central Oklahoma, 1969; M.Ed., University of Central Oklahoma, 1975

*Adams, Shayla, Education and Professional Studies, BS, University of Oklahoma Health Sciences Center, 2000; MS, University of Oklahoma Health Sciences Center, 2002

*Adkison, Danny M., Liberal Arts, BA, Oklahoma State University, 1972; MA, Oklahoma State University, 1975; Ed.D., Oklahoma State University, 1983

*Aguirre-Y-Luker, Grant C., Liberal Arts, BA, University of Central Oklahoma, 1997; MA, University of Central Oklahoma, 1999, JD, Oklahoma City University, 2004(?)

Ahmad, Riaz, Mathematics and Science, BS, University of Panjob, Pakistan, 1962; MS, West Pakistan Agricultural University, 1967; MS, North Dakota State University, 1971; Ph.D, University of Oklahoma, 1976

*Alvarez, Esperanza, Education and Professional Studies, BS, University of Central Oklahoma, 1974; MAR, Oklahoma City University, 1978

Anderson, Chalon, Education and Professional Studies, BS, University of Central Oklahoma, 1984; M.Ed., University of Central Oklahoma, 1986; PhD, Oklahoma State University, 1989

*Anderson, Joyce M., Education and Professional Studies, BS, University of Central Oklahoma, 1992

Atkins, LaDonna, Education and Professional Studies, BS, University of Central Oklahoma, 1991; M.Ed, University of Central Oklahoma, 1994; EdD, Oklahoma State University, 2002

*Aud, Brandi, Education and Professional Studies, BS, University of Central Oklahoma, 2000; MS, University of Central Oklahoma, 2002

Bahouth, Saba, Business Administration, BS, American University of Beirut, 1975; MS, Vanderbilt University, 1981; PhD, University of Oklahoma, 1991

Baird, Troy A., Mathematics and Science, BS, San Diego Stat University, 1978; MS, San Diego State University, 1980; PhD, University of British Columbia, 1989

Baker, James., Liberal Arts, BA, University of Houston, 1965; MA, Tulane University of Louisiana, 1967; PhD, Tulane University, 1971

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

Bartgis, E. Elaine, Liberal Arts, BA, University of Central Oklahoma, 1986, MA, University of Central Oklahoma, 1988, Ph.D., University of Oklahoma, 1994

Barthell, John F., Mathematics and Science, BS, University of California at Berkeley, 1985; PhD, University of California at Berkeley, 1992

116
Graduate Faculty

Bass, T. David, Mathematics and Science, BS, Lamar University, 1978; MS, Lamar University, 1980; PhD, Texas A&M University, 1985

Baughman, T. H., Liberal Arts, BA, Stetson University, 1968; MA, Ohio State University, 1969; PhD, Florida State University, 1990

Beasley, Lori A., Education and Professional Studies, BS, Oklahoma State University, 1978; M.Ed., University of Central Oklahoma, 1981; Ed.D., Oklahoma State University, 1996

*Beasley, Stewart R., Education and Professional Studies, BS, University of Central Oklahoma, 1966; M.Ed, University of Central Oklahoma, 1969; PhD, University of Colorado, 1971


*Bendick, Debbie, Education and Professional Studies, BA, University of Central Oklahoma, 1973; M.Ed., Louisiana State University, 1980; Ed.D, Oklahoma State University, 2003

*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

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

Brodnaux, Mary M., Liberal Arts, BA, Vanderbilt University, 1978; MA, The Johns Hopkins University, 1987

Brown, Deborah J., Liberal Arts, BA, Southern Nazarene University, 1974; MAT, Rollins 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, Mark, Liberal Arts, BA, University of Central Oklahoma, 1975; JD, Oklahoma City University, 1981
Graduate Faculty

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
Comey, John, Business Administration, BS, University of Maryland, 1980; MBA, Oklahoma City University, 1986; PhD, University of Oklahoma, 1997

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, Northeastern University at Boston, 1988
Carlon, Donna, Business Administration, BS, Iowa State University, 1974; MA, University of Denver, 1977; PhD, University of Denver, 2001
Carrell, Amy, Liberal Arts, BA, Purdue University, 1983; MA, Purdue University, 1985; PhD, Purdue University, 1993
Carter, Karen, Arts, Media & Design, BMEd, Oklahoma State University, 1971; MS, Oklahoma State University, 1976; PhD, University of Oklahoma, 1986
*Chance, Linda, Education and Professional Studies, BSEd, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1985; Ed.D, 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
*Chen, Yichao, Mathematics and Science, BS, Shandong University, 1998; MS, Shanghai Institute of Optics, 1991; PhD, Texas A&M University, 2002
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
Graduate Faculty

Cone, Charles (Trey), Education and Professional Studies, BA, Ouachita Baptist University, 1997; MS, Texas A&M University—Commerce, 1998; EdD, Texas A&M—Commerce, 2001
*Cook, Jeri Van, Liberal Arts, 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; MS, Oklahoma State University, 2004; PhD, Oklahoma State University, in progress
*Cox, Farah, Education and Professional Studies, BS, University of Central Oklahoma, 1999; MS, University of Central Oklahoma, 2001
Craig, Dana S., Education and Professional Studies, BS, Southwestern Oklahoma State University, 1975; MA, University of Alabama-Birmingham, 1989; EdD, Oklahoma State University, 1999
Curl, Kenneth L., Mathematics and Science, BS, University of Central Oklahoma, 1969; MS, Oklahoma State University, 1978; PhD, Oklahoma State University, 1984
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
Davis, Lola, Education and Professional Studies, BS, University of Central Oklahoma, 1977; M.Ed, University of Central Oklahoma, 1986; Ed.D, Oklahoma State University, 1993
*Davis, Rebecca, Education and Professional Studies, BA, Oklahoma City University, 1964; M.Ed, University of Central Oklahoma, 1990; PhD, Oklahoma State University, 1993
De Bolt, Darian C., Liberal Arts, BA, University of Oklahoma, 1968; FBINA, University of Virginia, 1984; MA, University of Oklahoma, 1985; PhD, University of Oklahoma, 1993
Dechter, James, Mathematics & Science, BS, Carnegie-Mellon University, 1970; PhD, University of California, 1975
*Decoteau, Ginger, Education and Professional Studies, BBA, Southern Nazarene University, 1994; M.Ed, University of Central Oklahoma, 1999
Dehnert, Lon, Arts, Media & Design, BMEd, University of Kansas, 1978; MM, University of Missouri-Kansas City, 1982; DMA, University of Kansas, 1987
de los Santos, Tomas, Business Administration, BA, Universidad autonoma de Nuevo Leon, 1972; MA, Boston University, 1976; PhD, Clark University, 1988
*Dennis, Judy, Education and Professional Studies, BS, Colorado State University, 1965; MS, Colorado State University, 1966
Devenport, Jill A., 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
Dickson, Donna, Arts, Media & Design, BFA, University of Oklahoma, 1977; MFA, University of Oklahoma, 1982
Dickson, Warren, Business Administration, BFA, University of Oklahoma, 1976; PhD, University of Oklahoma, 1994
Domanski, Chris, Arts, Media & Design, BFA, Wayne State University, 1999; MFA, Ohio University, 2003
Donaldson, Daniel, Liberal Arts, BA, California State University, Fullerton, 1992; MA, California State University, Fullerton, 1994; PhD, Kent State University, 1999
*Donovan, April, Arts, Media & Design, BFA, Louisiana Tech University, 1996; MFA, University of Texas at San Antonio, 2002
*Douglass, Jane, Education and Professional Studies, BA, University of Oklahoma, 1985; MS, University of Central Oklahoma, 1987
Duke, Bryan L., Education and Professional Studies, BAEd, University of Central Oklahoma, 1991; M.Ed, University of Central Oklahoma, 1995; PhD, University of Oklahoma, 2003
Graduate Faculty

*Dunlap, Katie*, Education and Professional Studies, BA, College of Wooster, 1966; MAT, Oklahoma City University, 1980; PhD, University of Oklahoma, 1990

**E**

Eakins, Keith, Liberal Arts, BA, Ohio State University, 1985; JD, Ohio State University, 1989; PhD, Ohio State University, 1999

*Eaton, David K.*, Education and Professional Studies, BA, University of Central Oklahoma, 1994; M.Ed, University of Central Oklahoma, 1998

*Echols, David W.*, Education and Professional Studies, BS, University of Oklahoma, 1972; JD, Oklahoma City University, 1978

Eckard, Kevin, Arts, Media & Design, BA, College of Charleston, 1993; MM, Indiana University, 1997; DMA, University of South Carolina, 2002

*Elliott, Ray C.*, Liberal Arts, BS, Southwestern Oklahoma State University, 1975; M.Ed, Southwestern Oklahoma State University, 1975; JD, Oklahoma City University, 1980

Endicott, Jennifer, Education and Professional Studies, BA, University of Oklahoma, 1969; M.Ed, University of Oklahoma, 1975; PhD, University of Oklahoma, 1987

Endres, Daniel J., Mathematics & Science, BS, University of New Mexico, 1983; MS, University of New Mexico, 1986; PhD., University of New Mexico, 1992

Epplin, Maryellen P., Business Administration, BA, Montclair State College, 1975; MS, Iowa State University, 1977; PhD, Oklahoma State University, 1992

Epstein, Robert H., Business Administration, BS, Cornell University, 1973, MA, University of Denver, 1974; MA, University of Southern California, 1976; PhD, University of Southern California, 1978

Ewing, Anne L., Mathematics and Science, BS, Iowa State University, 1976, MS, UC Berkeley, 1978, PhD, UC Berkeley, 1981

**F**

Fent, Darla, Education and Professional Studies, BS, Oklahoma City University, 1982; MS, Baylor University, 1983; Ed.D, Oklahoma State University, 1997

Ferguson, John M., Mathematics & Science, BS, University of Kansas, 1987; PhD, Iowa State University, 1993

Fields, Melanie, Education and Professional Studies, BS, University of Central Oklahoma, 1991; MS, Oklahoma State University, 1994; Cert. School Counseling, Northeastern State University, 1996; PhD, Oklahoma State University, 2003

Fly, Pamela, Education and Professional Studies, BSEd, Southwest Missouri State University, 1980; M.Ed, Drury College, 1984; PhD, University of Oklahoma, 1994

Ford, Darrell, Business Administration, BS, Oklahoma State University, 1982; JD, MBA, University of Texas, 1986

Ford, David A., Liberal Arts, BA, Oral Roberts University, 1973; MS, Oklahoma State University, 1975; PhD, Oklahoma State University, 1988


Frech, Cheryl Baldwin, Mathematics & Science, BS, Oklahoma State University, 1981; MS, University of Oklahoma, 1984; PhD, University of Oklahoma, 1987

Frederickson, W. A., Education and Professional Studies, BA, Willamette University, 1956; MA, Baylor University, 1957; EdD, University of Oklahoma, 1967

*Fuller, Susie*, Education and Professional Studies, BS, University of Oklahoma, 1979; MS, University of Oklahoma, 1988

Furmanski, Louis S., Liberal Arts, BA, Union College-New York, 1972; MA, Purdue University, 1980; PhD, Purdue University, 1990

**G**

*Garcia, Lea Ann*, Education and Professional Studies, BA, University of Central Oklahoma, 1988; M.Ed, University of Central Oklahoma, 2003

*Garic, John*, Business Administration, BA, University of New Orleans, 1976; JD, Loyola University School of Law, 1979; M.Ed, University of New Orleans, 1994

Garrison, Stephen, Liberal Arts, B A, Baylor University, 1974; MA, Baylor University, 1977; PhD, University of South Carolina, 1981

*Gaston, Roberta*, Education and Professional Studies, BS, Oklahoma State University, 1972; M.Ed., University of Central Oklahoma, 1987
Graduate Faculty

Gatch, Loren, Liberal Arts, BA, University of Chicago, 1981; MA, Columbia University, 1986; PhD, Cornell University, 1998
*Gelona, Zina, Arts, Media & Design, BFA, University of Central Oklahoma, 2001; M.Ed, University of Central Oklahoma, 2004
Givan, Christopher F., Liberal Arts, BA, Yale University, 1966; MA, Stanford University, 1968; PhD, Stanford University, 1970
*Glazier, Richard, Arts, Media & Design, BA, Oklahoma City University, 1992; M.Ed, University of Central Oklahoma, 2000;
*Gorrell, Brian, Arts, Media & Design, BMEd, University of Central Oklahoma, 1995; MM, Oklahoma City University, 1998
Goudge, Darrell, Business Administration, BS, Iowa State University, 1976; MBA, National University, 1981; MS, University of Colorado, 1989; PhD, New Mexico State University, 1994
*Gourley, Michael D., Mathematics and Science, BBA, University of Oklahoma, 1974; MS, University of Oklahoma, 1975
*Gravel, Craig, Mathematics & Science, BS, Oklahoma City University, 1988; MS, Oklahoma City University, 1992
Green, Barbara, Education and Professional Studies, BS, Cameron University, 1980; MS, Southwestern State University, 1986; PhD, Oklahoma State University, 1992
Green, Malinda Hendricks, Education and Professional Studies, BA, Northwestern Oklahoma State University, 1971; MA, Northwestern Oklahoma State University, 1976; PhD, University of Oklahoma, 1989
*Green, Pamela, Arts, Media & Design, BM, Oklahoma City University, 1970; MM, Oklahoma City University, 1973
Grellner, Janelle, Education and Professional Studies, BS, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1991; PhD, University of Oklahoma, 2001
*Guzik, Bernie, Arts, Media & Design, BM, Julliard School of Music, 1968

H

Hamlin, Mark E., Education and Professional Studies, BS, Oklahoma Christian University, 1991; MA, University of Central Oklahoma, 1994; PhD, Oklahoma State University, 2001
Hanson, Olivia, Mathematics & Science, BS, University of Oklahoma, 1972; PhD, University of Oklahoma, 1982
*Hardman, David J., Arts, Media & Design, BM, Ball State University, 1981; MM, University of Cincinnati, 1983
Hardt, Jan C., Liberal Arts, BA, Union College-New York, 1986; MA, University of California-Davis, 1988; PhD, University of Maryland-College Park, 1993
*Hardy, Amber, Education and Professional Studies, BS, University of Central Oklahoma, 1997; MS, University of Central Oklahoma, 1999
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
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
*Hassell, Harden, Education and Professional Studies, BS, Oklahoma State University, 1972; MS, Oklahoma State University, 1973
Haulman, April L., Education and Professional Studies, BA, Colorado State University, 1972; M.Ed, University of Alabama, 1978; PhD, University of Oklahoma, 1987
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
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
*Hefley, Earl, Arts, Media & Design, BS, Oklahoma City University, 1964; M.Ed, University of Central Oklahoma, 1973
Heffner, Larry, Arts, Media & Design, BFA, University of Oklahoma, 1971; MFA, University of Oklahoma, 1973
Heit, Seigfried E., Liberal Arts, BS, University of Wisconsin, 1963; MA, University of North Dakota, Eberhard-kars University (Tuebingen,FRG), 1969; PhD, Florida State University, 1975
Hellack, Jenna J., Mathematics & Science, BS, East Central Oklahoma State University, 1968; MS, Oklahoma State University, 1969; PhD, University of Oklahoma, 1975
Graduate Faculty

Hellwege, Dale M., Mathematics and Science, BA, Oklahoma State University, 1962; PhD, Oklahoma State University, 1966
*Helvey, Terri, Education and Professional Studies, BS, University of Science and Arts of Oklahoma, 1996; M.Ed., University of Central Oklahoma, 2004
Henderson, Melinda, Mathematics and Science, BSN, University of Central Oklahoma, 1975; M.Ed, University of Arkansas, 1981; EdD, University of Arkansas, 1989
Hepner, Mickey A., Business Administration, BBA, University of Oklahoma, 1992; MA, University of Oklahoma, 1994; PhD, University of Oklahoma, 2001
Hickman, William H., Liberal Arts, BA, Oklahoma Baptist University, 1971; MA, Texas Christian University, 1976; JD, Oklahoma City University, 1985
*Hicks, Lawrence E., Liberal Arts, BS, Emporia State University, 1969; MA, MS, Emporia State University, 1973
*Hill, Charles E., Liberal Arts, BA, University of Central Oklahoma, 1981; MA, University of Central Oklahoma, 1999
*Hill, Yvonna, Mathematics and Science, BA, University of Central Oklahoma, 1988; MHR, University of Oklahoma, 1998
Hillon, Mark E., Business Administration, BS, Virginia Tech, 1992; MA, New Mexico State University, 1999; PhD, New Mexico State University, 2005
Hochenauer, Kurt, Liberal Arts, BA, University of Missouri, 1981; MA, University of Central Oklahoma, 1985; PhD, Oklahoma State University, 1991
Hommel, William L., Arts, Media & Design, BM, University of Central Oklahoma, 1963; MA, Indiana University, 1977; PhD, Indiana University, 1981
Honea, (Ted) Sion M., Arts, Media & Design, BM, University of Central Oklahoma, 1974; MA, Eastman School of Music, 1980; PhD, SUNY Buffalo, 1991
Hora, Bambi, Business Administration, BS, Oklahoma State University, 1981; MAcctS, Northern Illinois University, 1983; JD, University of Oklahoma, 1998
Howell, Ron, Arts, Media & Design, BM, Oklahoma City University, 1963; MMEd, University of Oklahoma, 1968; DMEd, University of Oklahoma, 1976
Hughes, Charles A., Mathematics and Science, BS, Michigan Technological University, 1981; MS, University of Georgia, 1985; PhD, University of Georgia, 1988
Hurt, Douglas A., Liberal Arts, BS, University of Missouri, 1994; MA, University of Missouri, 1995; PhD, University of Oklahoma, 2000
Ice, Randal D., Business Administration, BBA, University of Oklahoma, 1980; MBA, University of Michigan, 1982; EdD, Oklahoma State University, 1997
*Ingram, Alan, Education and Professional Studies, BS, University of Maryland, 1991; MA, Webster University, 1993; Ed.D, University of Oklahoma, 2005
Israel, Deborah, Liberal Arts, BA, SUNY at Stony Brook, 1970; MA, University of Central Oklahoma, 1975; PhD, Oklahoma State University, 2000
Ivanov, Bobi, Business Administration, BBA, University of Central Oklahoma, 1997; MBA, University of Central Oklahoma, 1999; PhD, University of Oklahoma, 2006
Jackson, Diane H., Education and Professional Studies, BS, University of South Alabama, 1976; MLS, University of Alabama, 1981; PhD, University of Oklahoma, 1997
*Jacobson, Jamie, Arts, Media & Design, BS, Brigham Young University, 1977; MA, Brigham Young University, 1980
*Jagosh, Steve J., Liberal Arts, BA, University of Central Oklahoma, 1994; MA, University of Central Oklahoma, 1996
Jassemnejad, Bahaeddin, Mathematics and Science, BS, University of Central Oklahoma, 1981; MS, University of Central Oklahoma, 1983; PhD, Oklahoma State University, 1987
Jezercaq, Michael W., Mathematics and Science, BS, University of Central Oklahoma, 1983; PhD, Oklahoma State University, 1989
Jiang, Yuhao, Mathematics and Science, BS, Nanjing University of Aeronautics & Astrophysics, 1993; MS, Shanghai Jiaotong University, 2000; PhD, Case Western Reserve University, 2006
Jimison, Lorraine, Education and Professional Studies, BA, London University, 1970; MS, Oklahoma State University, 1984; EdD, Oklahoma State University, 1990
Graduate Faculty

*Johnson, Amy*, Arts, Media & Design, BFA, Iowa State University, 1997; MFA, Art Institute of Chicago, 1999  
Johnson, Arnell, Business Administration, BS, A.M.& N. College, 1967; MBA, Washington University, 1969; PhD, University of Oklahoma, 1997  
*Johnson, Brenda Seward*, Arts, Media & Design, BMEd, Oklahoma State University, 1975; MM, Oklahoma City University, 1979  
Johnson, Joseph T., Business Administration, BA, University of Michigan, 1968; MTS, Harvard University, 1971; MS, Michigan State University, 1973; PhD, University of Chicago, 1980  
*Johnson, Scott*, Arts, Media & Design, BA, Oklahoma City University, 1990; MM, Oklahoma City University, 1998  
Johnson, William A., Liberal Arts, BA, Northeastern Oklahoma State University, 1967; MS, Pittsburg State University, 1968; PhD, Oklahoma State University, 1971  
Jones, Freeta, Education and Professional Studies, BS, University of Oklahoma, 1976; M.Ed, University of Central Oklahoma, 1983; EdD, Oklahoma State University, 1997  
Jones, Randall J., Liberal Arts, BA, Oklahoma State University, 1962; MA, Oklahoma State University, 1966; PhD, University of Texas at Austin, 1974  
Jones, Russell W., Business Administration, BS, Oklahoma State University, 1955; MSBA, Boston University, 1977; PhD, Oklahoma State University, 1992  
Jourdan, Thomas H., Mathematics and Science, BA, University of California, Riverside, 1974; BS, University of California, Riverside, 1974; MS, University of California, Los Angeles, 1979; PhD, University of California Irvine, 1986  
Jung, Minje, Business Administration, BS, Seoul National University, Korea, 1975; MBA, Seoul National University, Korea, 1983; PhD, Florida State University, 1989  

K  
Kearns, Donna, Education and Professional Studies, B.Ed, University of Hawaii, 1977; M.Ed, University of Hawaii, 1979; PhD, University of Missouri, 1992  
Kearns, Gayle, Arts, Media & Design, BS, University of Oklahoma, 1973; M.Ed, University of Oklahoma, 1975; EdD, Oklahoma State University, 1988  
Kerr, Peggy Alexander, Education and Professional Studies, BA, University of Central Oklahoma, 1962; M.Ed, University of Central Oklahoma, 1976; PhD, Oklahoma State University, 1989  
Kickham, Kenneth P., Liberal Arts, BS, Oklahoma State University, 1992; MPA, University of Oklahoma, 1994; PhD, University of Oklahoma, 2000  
*King, Danny*, Education and Professional Studies, BS, University of Central Oklahoma, 1989; M.Ed, University of Central Oklahoma, 1993  
*King, Deann*, Education and Professional Studies, BAEd, University of Central Oklahoma, 1992; M.Ed, University of Central Oklahoma, 2002  
*Kingsley, Rhonda*, Education and Professional Studies, BS, University of Central Oklahoma, 1992; MS, University of Central Oklahoma, 1993  
Klages, James L., Arts, Media & Design, BM, (Magna cum Laude), SUNY Fredonia, 1978; MM, Indiana University, 1982; DMA, Indiana University, 2004  
Kleeman, J. Kole, Liberal Arts, BS, Southern Illinois University at Carbondale, 1980; MS, Southern Illinois University at Carbondale, 1983; PhD, Ohio University at Athens, 1995  
Kness, Darlene M., Education and Professional Studies, BS, Carnegie-Mellon University, 1970; MS, Pennsylvania State University, 1971; PhD, Pennsylvania State University, 1973  
Knight, Bettie Jo, Liberal Arts, BS, Oklahoma State University, 1974; MA, Oklahoma State University, 1979; PhD, Oklahoma State University, 1983  
Knight, John Michael, Education and Professional Studies, BA, University of Central Oklahoma, 1968; MA, Stephen F. Austin State University, 1970; PhD, University of Oklahoma, 1974  
Kuzminski, Pam, Education and Professional Studies, BS, University of Oklahoma, 1973; M.Ed, North Texas State University, 1980; PhD, North Texas State University, 1984
Graduate Faculty

*Lacy, Robin H., Jr., Education and Professional Studies, BS, Oklahoma State University, 1985; MS, Oklahoma State University, 1998
*Lackey, Laci, Arts, Media & Design, BS, University of Central Oklahoma, 1992; MS, University of Central Oklahoma, 1996
LaGrow, Patricia, Mathematics and Science, BS, University of Central Oklahoma, 1976; University of Oklahoma, 1979; PhD, Texas Woman's University, 1993
*Lakin, Paul L., Liberal Arts, BA, University of Oklahoma, 1987; JD, Oklahoma City University, 1990
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
Lemley, Evan C., Mathematics and Science, BA, Hendrix College, 1989; MS, University of Arkansas, 1991; PhD, University of Arkansas, 1996
Lewis, Gladys S., Liberal Arts, RN, St Anthony's, 1953; BA, Texas Christian University, 1956; MA, University of Central Oklahoma, 1985; PhD, Oklahoma State University, 1991
Li, Xiao-Bing, Liberal Arts, BA, Nankai University, China, 1982; MA, Carnegie-Mellon University, 1984; PhD, Carnegie-Mellon University, 1991
Liew, Chung Ja, Business Administration, BS, University of California-Berkeley, 1965; MA, University of Oklahoma, 1973; PhD, University of Oklahoma, 1977
*Lopez, Regina, Education and Professional Studies, BA, University of Central Oklahoma, 1986; M.Ed, University of Central Oklahoma, 1996
Loughlin, Patricia E., Liberal Arts, BA, Pepperdine University, 1993; MA, Pepperdine University, 1996; PhD, Oklahoma State University, 2000
*Lovett, Cheryl, Education and Professional Studies, BS, University of Central Oklahoma, 1980; MS, Oklahoma State University, 1990; ABD, University of Oklahoma, in progress
*Lovett, Dena, Education and Professional Studies, BS, University of Central Oklahoma, 1978; MS, University of Central Oklahoma, 1996
Lucas, Carol A., Mathematics and Science, BS, Southwest Missouri State University, 1977; MA, Southwest Missouri State University, 1979; PhD, University of Kansas at Lawrence, 1999
Lucas, Larry A., Mathematics & Science, BS, Southwest Missouri State University, 1975; MA, Southwest Missouri State University, 1979; PhD, University of Missouri, 1987
Luxenburg, Joan, Liberal Arts, BA, Queens College, 1969; MA, New York University, 1971; MA, Columbia University, 1975; EdD, Columbia University Teachers College, 1978; MSW, University of Oklahoma, 1986
*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
*March, Erin, Education and Professional Studies, BS, University of Central Oklahoma, 1998; MS, University of Central Oklahoma, 2000
Marks, Angela, Arts, Media & Design, BFA, West Virginia University, 1994; MFA, University of Georgia, 1997
Mather, Robert D., Education and Professional Studies, BA, Westminster College, 1998; MA, University of Central Oklahoma, 2000; PhD, Texas Tech University, 2006
Martin, David L., Mathematics & Science, BS, Cameron University, 1973; PhD, Oklahoma State University, 1979
Massey, Sherri, Liberal Arts, BA, University of Arkansas, 1986, MA, University of Oklahoma, 1989; EdD, Oklahoma State University, 1993
Graduate Faculty

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

McClendon, Michael S., Mathematics & Science, BS, State University of New York-Brockport, 1993; MS, Syracuse University, 1995; PhD, University of Louisiana, 2000

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

*McKee, Candie, 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

*Messick, Carolyn, Education and Professional Studies, BS, Oklahoma State University, 1985; MS, University of Oklahoma Health Sciences Center, 1987

*Meyers, Karen, Education and Professional Studies, BS, University of Central Oklahoma, 1995; MS, University of Central Oklahoma, 1998

*Middleton, Katherine M., Liberal Arts, BA, Texas Tech University, 1971; MHR, University of Oklahoma, 1988; MSW, University of Oklahoma, 1998

Miller, 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

*Montgomery, Sarah, Education and Professional Studies, BS, University of Missouri, 1969; MS, Central Missouri State University, 1974

Montes, Luis, Mathematics and Science, BA, New Mexico State University, 1990; BS, New Mexico State University, 1990; PhD, university of Texas at Austin, 1996

*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, Linestone College, 1997, MBA, University of Central Oklahoma, 1999, Ph.D., Oklahoma State University, 2004N

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

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; EdD, Oklahoma State University, 1980
Graduate Faculty

Nelson, R. Michael, 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

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

New, Dallas G., Mathematics and Science, BS, Baker University, 1988; MA, Washington University, 1990; PhD, Washington University, 1994

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

New, Dallas G., Mathematics and Science, BS, Baker University, 1988; MA, Washington University, 1990; PhD, Washington University, 1994

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

New, Dallas G., Mathematics and Science, BS, Baker University, 1988; MA, Washington University, 1990; PhD, Washington University, 1994

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 Colorado, 1981

Owens, Dana V., Education and Professional Studies, BS, Northeastern State University, 1979; MS, University of Central Oklahoma, 1995; EdD, Oklahoma State University, 2000

Palmer, Robert E., Arts, Media & Design, BFA, University of Oklahoma, 1973; East Tennessee State University, 1978; EdD, Oklahoma State University, 1996

*Park, Sherry, Education and Professional Studies, BAEd., Southwestern Oklahoma State University, 1971; LIS, University of Oklahoma, 1985

*Parker, Doug, Mathematics and Science, BS, Southern Nazarene University, 1997; MA, University of Central Oklahoma, 2001

*Payne, Terry K., Education and Professional Studies, BAEd., Utah State University, 1980; M.Ed, Brigham Young University, 1981; M.Ed, University of Central Oklahoma, 1986

*Peters, Richard, Liberal Arts, BA, University of Wichita, 1955; MA, University of Oklahoma, 1961; PhD, University of Oklahoma, 1971

*Pickens, Tom, Education and Professional Studies, BA, University of Central Oklahoma, 1979; M.Ed, Southern Nazarene University, 1998

Pool, Carolyn G., Liberal Arts, BS, University of Oklahoma, 1963; MA, University of Oklahoma, 1976; PhD, University of Oklahoma, 1987

*Pope, Myron, Education and Professional Studies, BA, University of Alabama, 1993; MA, University of Alabama, 1994; EdD, University of Alabama, 1997

Pourbabaee, Hassan, Business Administration, BS, Advanced Statistical Institute, 1974; MA, Eastern New Mexico University, 1976; MS, Southwestern University of Louisiana, 1979; MA, University of Missouri-Columbia, 1981; PhD, University of Nebraska-Lincoln, 1987

Pratt, Steven, Liberal Arts, BA, University of New Mexico, 1973; MA, University of Oklahoma, 1982; PhD, University of Oklahoma, 1987

*Pryor, Mary, Education and Professional Studies, BSEd, 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

*Qian, Gang, Mathematics and Science, BS, Shanghai Jiao Tong University, 1995; MS, Shanghai Jiao Tong University, 2000; PhD, Michigan State University, 2004

*Quigley, Kim, Education and Professional Studies, BS, University of Central Oklahoma, 1988; MS, University of Central Oklahoma, 1990; PhD, Oklahoma State University, 2005

Radke, William J., Mathematics & Science, BS, Mankato State University, 1970; MA, Mankato State University, 1972; PhD, University of Arizona, 1975
Graduate Faculty

Rambo, Alma G., Mathematics and Science, BS, University of Central Oklahoma, 1982; MS, University of Central Oklahoma, 1986; PhD, University of Oklahoma, 1997

Rassouli-Currier, Susanne, Business Administration, BS, University of National Iranian Oil Company, 1980, MBA, University of Central Oklahoma, 1990, PhD, Oklahoma State University, 2002

Ravikumar, Rukmini, Arts, Media & Design, BA, University of Madras, India, 1999; MFA, Iowa State University, 2003.

Redus, Brady, Education and Professional Studies, BS, University of Central Oklahoma, 1998; MS, University of Oklahoma, 2001; PhD, Oklahoma State University, 2004

Reed, Douglas P., Education and Professional Studies, BA, East Carolina University, 1980; MA, East Carolina University, 1986; PhD, Oklahoma State University, 1992

*Reichert, Deborah, Education and Professional Studies, BS, Oklahoma State University, 1989; M.Ed, University of Central Oklahoma, 1992

*Reiman, Sue Ellen, Arts, Media & Design, BFA, University of Oklahoma, 1988

*Reynolds, Anita, Education and Professional Studies, BS, Southwestern Oklahoma State University, 1976; MS, Oklahoma State University, 1977; Ed.D, Oklahoma State University, 1988

*Reynolds, Rebecca, Education and Professional Studies, BS, University of Tulsa, 1978; MS, University of Oklahoma Health Science Center, 1983

Rice, Allen C., Liberal Arts, BA, University of Oklahoma, 1980; MA, University of Oklahoma, 1983; PhD, University of Indiana, 1993


Roberson, Jere W., Liberal Arts, BS, Tennessee Technological University, 1962; MA, Auburn University, 1963; PhD, University of Georgia, 1966

Rooker, Jill, Education and Professional Studies, BS, Oklahoma State University, 1976; BS, Oklahoma State University, 1978; MS, Oklahoma State University, 1984; PhD, Indiana University, 1995

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

Rundle, Dana R., Mathematics and Science, BS, University of Central Oklahoma, 1992, Ph.D., University of Oklahoma Health Sciences Center, 2000

*Runge, Janet, Education and Professional Studies, BA, University of Central Oklahoma, 1994; MA, University of Central Oklahoma, 2001

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

*Ryland, Shelley, Education and Professional Studies, BS, University of Oklahoma, 1987; MS, University of Oklahoma, 1992

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

*Schlinke, Tiffany, Education and Professional Studies, BS, University of Oklahoma Health Sciences Center, 1992; MS, University of Oklahoma Health Sciences Center, 1997

Schuetz, Steve, Education and Professional Studies, BGS, University of Missouri-Columbia, 1989, MA, University of Missouri-Columbia, 1994, PhD, University of Missouri-Columbia, 2003
Graduate Faculty

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

*Settles, Valerie Lynne, Arts, Media & Design, BS, University of Central Florida, 1986, MS, University of Oklahoma, 1992, MS, University of Central Oklahoma, 1995

Shaaf, 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 Central 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, 1990; 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, Grace A., Arts, Media & Design, BMEd, University of Central Oklahoma, 1971; MMEd, University of Central Oklahoma, 1983

*Smith, Robert T., Arts, Media & Design, BA, Bethany College, 1979; MFA, University of Oklahoma, 1988

*Snider, Gayle, Education and Professional Studies, BA, University of Colorado, 1972; MPH, 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

Spelman, Mary D., Liberal Arts, BA, University of Central Oklahoma, 1971; M.Ed, University of Central Oklahoma, 1976; PhD, Oklahoma State University, 1996

Spencer, Susan, Liberal Arts, BA, California Polytechnic State University, San Luis Obispo, 1983; MA, California Polytechnic State University, San Luis Obispo, 1986; PhD, University of California, Santa Barbara, 1992

Spigner, Terry E., Education and Professional Studies, BA, University of Oklahoma, 1977; MS, University of Oklahoma Health Sciences Center, 1980; MS, University of Central Oklahoma, 1986; PhD, Howard University, 1992

Springer, John P., Liberal Arts, BA, University of Oklahoma, 1979; MA, University of Oklahoma, 1986; PhD, University of Iowa, 1994

*Springer, Michael, Liberal Arts, BA, University of Oregon, 1991; MA, Portland State University, 2000; PhD, University of St. Andrews, 2005

Sprung, Douglas C., Education and Professional Studies, BA, Western Michigan University, 1964; MA, Western Michigan University, 1965; MS, Central Michigan University, 1970; PhD, University of Michigan, 1973

Squires, Constance, Liberal Arts, BA, University of Oklahoma, 1993; MA, University of Central Oklahoma, 1999; PhD, Oklahoma State University, 2005

Stapleton, David P., Mathematics and Science, BS, University of California at Santa Barbara, 1979; MA, University of California at San Diego, 1981; PhD, University of Arizona, 1990

Steele, Linda L., Liberal Arts, BA, University of Central Oklahoma, 1988; MA, University of Central Oklahoma, 1990; PhD, University of Southwestern Louisiana, 1996

Stein, Wayne P., Liberal Arts, BA, University of Central Oklahoma, 1988; BA, University of Central Oklahoma, 1992; MA, University of Central Oklahoma, 1991; PhD, Oklahoma State University, 1997

Steward, Gary A. Jr., Liberal Arts, BA, University of Central Oklahoma, 1991; MA, University of Central Oklahoma, 1992; PhD, Oklahoma State University, 1999
**Graduate Faculty**

*Stinnett, Tessa*, Education and Professional Studies, BS, Oklahoma State University, 1993; MA, Oklahoma State University, 1997; PhD, University of Oklahoma Health Sciences Center, 2006(?)

**Stockwell, William**, Mathematics and Science, BS, University of Central Oklahoma, 1973; MA, University of Oklahoma, 1975; PhD, University of Oklahoma, 2002

**Stone, Paul A.**, Mathematics and Science, BS, University of Florida, 1987; MS, Auburn University, 1990; PhD, University of New Mexico, 1995

*Stowe, Pat*, Education and Professional Studies, BAEd, University of Central Oklahoma, 1968; M.Ed, University of Central Oklahoma, 1998

*Streets, Barbara S.*, Arts, Media & Design, BMed, University of Oklahoma, 1982; MM, University of Oklahoma, 1986; PhD, University of Oklahoma, 2002

*Stuart, Roger H.*, Liberal Arts, BA, University of Oklahoma, 1973; JD, University of Oklahoma, 1978

**Stufflebean, Tana**, Education and Professional Studies, BS, Oklahoma State University, 1964; MS, University of Central Oklahoma, 1977; PhD, Oklahoma State University, 1982

**Sullins, Shirlee K. Larson**, Education and Professional Studies, BS, Oklahoma State University, 1965; MS, Drake University, 1973; EdD, Oklahoma State University, 1990

**Sung, Hong**, Mathematics and Science, BS, Seoul National University, 1984; MS, University of Louisiana, 1990; PhD, University of Arizona, 1994

**Sweet-Darter, Mary**, Education and Professional Studies, BAEd, Oklahoma State University, 1964; M.Ed., Southwestern Oklahoma State, 1967; EdD, University of Oklahoma, 1993

**Swezey, Keith**, Liberal Arts, BA, University of Central Oklahoma, 1974; MS, Oklahoma State University, 1989; EdD, Oklahoma State University, 1997

*T* **Taylor, Elizabeth**, Education and Professional Studies, BS, University of Central Oklahoma, 1999; MS, University of Central Oklahoma, 2001

**Terrell, Katherine P.**, Business Administration, BBA, University of Oklahoma, 1969; MBA, University of Central Oklahoma, 1990; EdD, Oklahoma State University, 1994

**Terrell, Robert L.**, Business Administration, BBA, University of Oklahoma, 1969; MBA, University of Oklahoma, 1971; EdD, Oklahoma State University, 1992

**Thompson, Sandra D.**, Arts, Media & Design, BM, Oklahoma City University, 1975; MMed, University of Central Oklahoma, 1984

**Thompson, Susan**, Education and Professional Studies, BS, Southwestern Oklahoma State University, 1981; MBA, Northeastern State University, 1983; MS, University of Oklahoma Health Sciences Center, 1994

*Tice, Deborah*, Education and Professional Studies, BS, University of Central Oklahoma, 1991; M.Ed, University of Central Oklahoma, 1992; PhD, Oklahoma State University, 2002

**Traywick, Debra**, Education and Professional Studies, BSE, Southern Nazarene University, 1982; M.Ed, University of Central Oklahoma, 1984; Ed.D, St Louis University, 2003

**Tullis, Kim J.**, Business Administration, BS, Southern Nazarene University, 1977; MBA, University of Houston, 1988; PhD, University of Arkansas, 1996

**Turner, Thomas R.**, Mathematics and Science, BS, University of Washington, 1975; MS, Iowa State University, 1981; PhD, Iowa State University, 1987


*Vaughan, Danny*, Arts, Media & Design, BA, Oklahoma Christian University of Science and Arts, 1996; MM, University of Central Oklahoma, 1997

**Vaughan, Melville**, Mathematics and Science, BS, University of Oklahoma, 1987, PhD, University of Oklahoma Health Science Center, 1998

**Vaughan, Theresa**, Liberal Arts, BA, University of Michigan, 1990; MA, Indiana University, 1995; PhD, Indiana University, 1999

*Vedala, Acharyulu Srinivas*, Liberal Arts, MA, Andhra University, 1981; MA, Andhra University, Waltair India, 1982; MA, Andhra University, Waltair, India, 1983; PhD, Andhra University, Waltair, India, 2000


129
Graduate Faculty

Villani, Shari, Education and Professional Studies, BSEd, Northwestern Oklahoma State University, 1972; M.Ed, University of Central Oklahoma, 1993; EdD, Oklahoma State University, 1999

von Minden, David L., Mathematics & Science, BS, Texas Tech University, 1966; PhD, University of Nebraska, 1970

Voth, Bonnie L., Education and Professional Studies, BS, Central Missouri State University, 1972; MS, Northeastern Oklahoma State University, 1991; EdD, Oklahoma State University, 2002

Wakefield, Judith E., Education and Professional Studies, BSEd, Emporia State University, 1971; PhD, University of Oklahoma, 1986

*Walderbach, Becky*, Education and Professional Studies, BAEd, Oklahoma Christian University of Science and Arts, 1987; M.Ed, University of Central Oklahoma, 1995

*Walker, Anita*, Education and 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

*Walts, Richard*, Mathematics and Science, BS, Mid-America Christian University, 2001; MS, Faulkner University, 2004

*Ward, Sherry*, Education and Professional Studies, BS, Oklahoma State University, 1992; MS, Oklahoma State University, 1995

Wardrope, William J., Business Administration, BA University of Central Oklahoma, 1986; MA, Oklahoma State University, 1988; PhD, University of Nebraska, 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; PhD, University of Southwestern Louisiana, 1993

Waters, Marilyn B., Education and 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

*Watson, Kris*, Education and Professional Studies, BS, Oklahoma State University, 1987; MA, University of Colorado, 1981

Webb, David D., Liberal Arts, BA, Pepperdine University, 1962; MA, University of Oklahoma, 1962; PhD, University of Oklahoma, 1978

Webb, Keith, Arts, Media & Design, BFA, University of Oklahoma, 1987; MA, University of Central Oklahoma, 1996

Webster, Joseph K., Education and Professional Studies, BA, Oklahoma State University, 1977; MS, Oklahoma State University, 1979; Ed.D, Oklahoma State University, 1990

Weidell, Charleen, Arts, Media & Design, AA, El Camino College, 1973; BA, San Diego State University, 1975; BA, San Diego State University, 1999; MFA, San Diego State University, 2002

*Weigel-Hicks, Renee*, Education and Professional Studies, BAED, University of Central Oklahoma, 1984; M.Ed, University of Central Oklahoma, 1991

Wendling, Brent L., Education and Professional Studies, BA, Syracuse University, 1966; M.Ed, Bowling Green State University, Ohio, 1973; PhD, Bowling Green State University, Ohio, 1986

*Wentroth, Don*, Education and Professional Studies, BS, Oklahoma State University, 1976; M.Ed, University of Central Oklahoma, 1980; Ed.D, Oklahoma State University, 1993

*West, Rita*, Education and Professional Studies, BA, University of Central Oklahoma, 1992; MS, University of Central Oklahoma, 1994

Westerman, John E., Education and Professional Studies, BA, Southeastern College of the Assemblies of God, 1968; MS, Northern Illinois University, 1972; Ed.D, Northern Illinois University, 1974; M.Ed, University of Central Oklahoma, 1994

Wert-Gray, Stacia, Business Administration, BS, University of Arizona, 1981; MBA, University of Arizona, 1985; PhD, University of Oklahoma, 1993

Wetsel, Jan, Education and Professional Studies, BSEd, Oklahoma Christian University, 1978; M.Ed, University of Central Oklahoma, 1993; Ph.D, University of Oklahoma, 1993

*White, Greg*, Arts, Media & Design, BM, University of Central Oklahoma, 1992; MA, University of Central Oklahoma, 1994
Graduate Faculty

*Wilhelm, Laura Hines,* Education and Professional Studies, BS, University of Central Oklahoma, 1988; M.Ed., University of Central Oklahoma, 1992; Ed.D., Oklahoma State University, 1999

*Williams, Connie M.*, Education and 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, Mary E., Business Administration, BSEd, Langston University, 1973; M.Ed, Northeastern Oklahoma State University, 1977; PhD, University of Oklahoma, 2001

*Williams, Vickie*, Education and 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

*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
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

Course Code Department, College

ACCT Accounting, Accounting, BADM
ADED Adult Education, Occupational and Technology Education, CEPS
ART Arts, Art, CAMD
BIO Biology, Biology, CM&S
BADM Business Administration, General Business, BADM
BCOM Business Communications, General Business, BADM
CHEM Chemistry, Chemistry, CM&S
CHIN Chinese, Modern Languages, Literatures, and Cultural Studies, CLA
COMM Communications, Communications, CLA
CMSC Computer Science, Computer Science, CM&S
CSDY Creative Writing, English, CLA
CJ Criminal Justice, Sociology, Criminal Justice and Substance Abuse Studies, CLA
DANC Dance, Theatre, Dance and Media Arts, CAMD
DES Design, Design, CAMD
EDAM Educational Administration, Advanced Professional Services, CEPS
ECED Early Childhood Education, Curriculum and Instruction, CEPS
ECON Economics, Economics, BADM
ELED Elementary Education, Curriculum and Instruction, CEPS
ENGR Engineering, Physics and Engineering, CM&S
ENG English, English, CLA
FMCD Family and Child Development, Human Environmental Sciences, CEPS
FACS Family and Consumer Science Education, Occupational and Technology Education, CEPS
FMKT Fashion Marketing, Human Environmental Sciences, CEPS
FIN Finance, Finance, BADM
FRSC Forensic Science, Chemistry, CM&S
FRCH French, Modern Languages, Literatures and Cultural Studies, CLA
FNRL Funeral Service, Funeral Service, CM&S
GENS General Science, Physics and Engineering, CM&S
GEO Geography, History and Geography, CLA
GUID Guidance, Advanced Professional Services, CEPS
HLTH Health, Kinesiology and Health Studies, CEPS
HES Human Environmental Science, Human Environmental Sciences, CEPS
HUM Humanities, Humanities and Philosophy, CLA
ISOM Information Systems and Operations Management, Information Systems and Operations Management, BADM
IME Instructional Media Education, Advanced Professional Services, CEPS
JAPN Japanese, Modern Languages, Literatures and Cultural Studies, CLA
JOUR Journalism, Journalism, CLA
KINS Kinesiology, Kinesiology and Health Studies, CEPS
LATN Latin, Modern Languages, Literatures and Cultural Studies, CLA
LS Legal Studies, General Business, BADM
MGMT Management, Management, BADM
MRKT Marketing, Marketing, BADM
MATH Mathematics, Mathematics & Statistics, CM&S
MUS Music, Music, CAMD
MUED Music Education, Music, CAMD
MPER Music Performance, Music, CAMD
NURS Nursing, Nursing, CM&S
NTRN Nutrition, Human Environmental Sciences, CEPS
OCPE Occupational and Technology Education, Occupational and Technology Education, CEPS
PHIL Philosophy, Humanities and Philosophy, CLA
PHED Physical Education, Kinesiology and Health Studies, CEPS
PHY Physics, Physics and Engineering, CM&S
POL Political Science, Political Science, CLA
PTE Professional Teacher Education, Professional Teacher Education, CEPS
PSY Psychology, Psychology, CEPS
READ Reading, Special Services, CEPS
REC Recreation, Kinesiology and Health Studies, CEPS
SFTY Safety, Occupational and Technology Education, CEPS
SOST Social Studies, Sociology, Criminal Justice and Substance Abuse Studies, CLA
SOC Sociology, Sociology, Criminal Justice and Substance Abuse Studies, CLA
SPAN Spanish, Modern Languages, Literatures and Cultural Studies, CLA
SLP Speech, Language Pathology, Special Services, CEPS
SPED Special Education, Special Services, CEPS
STAT Statistics, Mathematics and Statistics, CM&S
SAS Substance Abuse Studies, Sociology, Criminal Justice and Substance Abuse Studies, CLA
TESL Teaching English as a Second Language, Curriculum and Instruction, CEPS
THRT Theatre, Theatre, Dance and Media Arts, CAMD
### 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 Controllship & Decision Accounting**  
Students examine the conceptual and technical issues involved in meeting the accounting information needs of managers. Primary emphasis is on managerial decision making, planning, controlling, and evaluating performance. Prerequisite(s): Completed all prerequisites for the MBA Program.

**ACCT 5113 Accounting Theory**  
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 3333.

**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 department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**ACCT 5960 Institute In Accounting**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**ACCT 5970 Study Tour**  
Credit will vary. Subject matter will vary within the department’s field of study.

**ACCT 5990 Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

### ADULT EDUCATION (ADED)
Department of Occupational & 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 Managing Adult Education/Community Service**  
Organization and administration of adult programs with emphasis on assessing needs, planning staff development, fiscal operations, facilities, evaluation, and maintenance of effective community relations.

**ADED 5122 Foundations Of Training And Development**  
Designed to provide an overview of the training and development field. The major emphasis is on the roles and responsibilities of training and development personnel, the structure of departments housing the training and development function, and how training and development personnel identify and provide for training needs.

**ADED 5133 Philosophical Foundations Of Adult Education**  
This course is an overview of the philosophical and historical foundations influencing adult education including a disciplined philosophical analysis of major issues and problems in adult education. The development of individual teaching philosophies, study of significant philosophers in the field of adult education, and the impact of historical education events on today’s education system are included.

**ADED 5233 Curriculum Design In Education**  
This course will examine the techniques for the analysis of occupational 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 occupational 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 Consulting Skills In Training Development**  
Examines the internal and external consulting roles of the training and development professional. Topics include an overview of the consulting process, conducting contracting meetings, understanding and dealing with resistance, gathering data, and conducting feedback meetings. Responing to requests for proposals, writing proposals, developing budgets, and determining the cost benefits of training will also be examined.
Graduate Course Descriptions

ADED 5423 Instructional Eval. Training & Development
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 Human Relations Training & Development
This course will examine the role of human relations in organizations with particular emphasis on the training and development function. Topics addressed include communications, attitudes, positive self-concept, communication styles, motivation, values, emotional control, positive reinforcement, team building, and conflict management.

ADED 5453 Psychology Adult Development
This course is designed to trace the development of the individual from early adulthood through aging. The developmental process to be considered will include young adulthood, marriage and the family, work leisure and retirement, aging and theories of aging.

ADED 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 Training & Development
This course will address the techniques of effective proposal writing for business and industry.

ADED 5823 Nature & Characteristics Of The Adult Learner
This course will familiarize the student with adult learning theories and their implications for the education of adults. Emphasis in the course content is based on the application of the psychological, sociological and physiological characteristics of adult learners, the implementation and integration of the 4MAT system of instruction, the changing trends and demographics in society and the effects on adult learning, and the life-cycles and stages of adult learners as they relate to the learning environment.

ADED 5883 Transformational Learning
This course is designed to familiarize the students with interactive/collaborative methods of teaching which focus on the theory and process of transformative learning and its relationship to current adult education learning methodologies. Prerequisite(s): Enrollment is open to Adult Education majors only.

ADED 5893 Capstone: Adult Education/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.

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 prehistory roots through contemporary expression. Prerequisite(s): Graduate standing.
**Graduate Course Descriptions**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 5063</td>
<td>Mural Painting I</td>
<td>This course offers graduate study in the design and painting of large murals. Students participate in on-site planning, equipment preparation and community involvement. Prerequisite(s): Graduate standing in Art and permission of instructor.</td>
</tr>
<tr>
<td>ART 5103</td>
<td>Etching</td>
<td>A study in the intaglio process exploring such basic techniques as etching, drypoint, aquatint, inkless intaglio, and mezzotint. Prerequisite(s): ART 3603.</td>
</tr>
<tr>
<td>ART 5113</td>
<td>Lithography</td>
<td>A course in the basic planographic printing techniques. Printing surfaces such as stone, metal, and paper will be explored. Prerequisite(s): ART 3603.</td>
</tr>
<tr>
<td>ART 5123</td>
<td>Serigraphy</td>
<td>The course explores advanced techniques in the screen printing (silk screen) process of printmaking. Prerequisite(s): ART 1063.</td>
</tr>
<tr>
<td>ART 5133</td>
<td>Digital Printmaking</td>
<td>This course is a study of the use of the computer and other related hardware in the creation of fine art multiples. Each student will create limited edition prints using the computer and various computer printers. Prerequisite(s): ART 1042 and 1082.</td>
</tr>
<tr>
<td>ART 5143</td>
<td>Glass Design I</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5152</td>
<td>Watercolor</td>
<td>This course offers graduate study in advanced watercolor techniques. Students will create original paintings in watercolor, acrylics, or any waterbased paint medium. Prerequisite(s): ART 1023, 1082 &amp; 2202.</td>
</tr>
<tr>
<td>ART 5173</td>
<td>Ceramics III</td>
<td>This course is for the graduate student with advanced experience and skill level in ceramic medium. Students research and experiment with clay formulation, glazes, firing techniques and ceramic forms. Prerequisite(s): ART 2703, 2803.</td>
</tr>
<tr>
<td>ART 5203</td>
<td>Advanced Painting</td>
<td>This course offers advanced graduate study in a wide range of painting techniques. Students will create original painting in oil, acrylic, and/or water based medium. Prerequisite(s): ART 3603 Painting II.</td>
</tr>
<tr>
<td>ART 5213</td>
<td>Sculpture III</td>
<td>The individual expressions and techniques in various three-dimensional materials such as wood, metal, stone, and other plastic materials. Prerequisite(s): ART 3053.</td>
</tr>
<tr>
<td>ART 5223</td>
<td>West African Art</td>
<td>This course explores the social, religious, and political influences on the creation of the arts of Africa. Arts from Western Nigeria to Guinea are discussed in relation to stylistic and functional similarities and differences.</td>
</tr>
<tr>
<td>ART 5233</td>
<td>Central African Art</td>
<td>This course explores the social, religious, and political influences on the creation of the arts of Africa. Arts from Central Africa from Eastern Nigeria to South Africa are discussed in relation to stylistic and functional similarities and differences.</td>
</tr>
<tr>
<td>ART 5253</td>
<td>Glass Design II</td>
<td>This course offers graduate-level study of advanced flat glass fabrication techniques. Students develop skill in the appropriate choice of materials, and apply art elements and principles to create original designs in glass. Prerequisite(s): ART 5143 plus six hours of art.</td>
</tr>
<tr>
<td>ART 5263</td>
<td>Ceramics IV</td>
<td>This course is for the graduate student with advanced experience and skill level in ceramic medium. Students research and experiment with clay formulation, glazes, firing techniques and ceramic forms. Prerequisite(s): ART 2703, 2803, 3173.</td>
</tr>
<tr>
<td>ART 5273</td>
<td>Relief Printmaking</td>
<td>This course offers in-depth graduate advanced study in relief printmaking techniques including woodcut, linoleum block, collagraph and monotype processes. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ART 5303</td>
<td>History And Criticism Of Art</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5313</td>
<td>Survey Of Art History II</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5343</td>
<td>Multicultural Art</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5353</td>
<td>The Business Of Art</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5363</td>
<td>Art by Women</td>
<td>This course offers study in the visual art contributions of women. Historical, cultural, and political influences on women's art are examined.</td>
</tr>
<tr>
<td>ART 5373</td>
<td>Introduction To Art Therapy</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5383</td>
<td>Methods For Teaching Art History</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5403</td>
<td>Advanced Visual Arts-Elementary Schools</td>
<td>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.</td>
</tr>
<tr>
<td>ART 5413</td>
<td>Advanced Jewelry</td>
<td>Advanced study in jewelry using the casting processes. The development and production of jewelry with this method. Prerequisite(s): ART 3463.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

ART 5423 Fiber Arts
This course offers Graduate level study of a wide range of fiberart techniques, such as papermaking, felting, 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 Therapy Process/Product
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 Techniques & Development
An extended study of creative experiences in a variety of materials and methods used in the teaching of ceramics in art education. Prerequisite(s): ART 4653.

ART 5522 Art Presentation And Display
This class will explore a variety of basic art presentation and display techniques. Each student will learn about and experience various ways to present a variety of artwork. Techniques in mounting, matting, shrink wrapping, laminating, and framing will be covered. Each student will actually use these and other techniques to protect, preserve and display works of art. Each student must supply a variety of artwork for presentation preparation.

ART 5553 Photographing Art
This course offers graduate study in photographing works of art. Topics include cameras, film, and lighting of 2D and 3D works of art. A variety of film types are used to ensure faithful color and exposure accuracy. Prerequisite(s): Graduate standing.

ART 5600 Studio Art
Credit varies from 1 to 4 hours. Prerequisite(s): Written permission.

ART 5623 Advanced Form And Surface Design
An in-depth study of specialized techniques used in three-dimensional form or surface design is offered by skilled guest artists. Integration of studio visual art specializations and design concepts is emphasized.

ART 5653 Ceramics II
Advanced techniques in hand-built and wheel-thrown forms. Lay body preparation and formulation. Development of glaze and advanced techniques in its application. Supervision in firing techniques. Prerequisite(s): ART 3703.

ART 5703 Art In America
A progress study of the cultural arts in America by surveying architecture, sculpture, painting, minor arts, and artists from America’s beginning history throughout the years of growing American art. Prerequisite(s): ART 1112.

ART 5833 Exhibit Presentation
The goal of this course is to integrate exhibit design and project management into a practical medium with which the creative artist, historian, interior designer, marketer, and media specialist can impact their chosen audience. Exhibit design and its related presentation forms thereby become a vital medium for audience delivery and offer a unified context for these interdisciplinary skills to be developed into collaborative end product.

ART 5842 Elementary Art Educational Methods/Art Majors
Students develop a sequential discipline-based Art Education curriculum for elementary schools. Prerequisite(s): Graduate standing.

ART 5853 Secondary Art Educational Methods/Art Major
Curriculum materials for secondary school art will be developed and sequentially organized. Presentation techniques are practiced. Prerequisite(s): Graduate standing.

ART 5900 Practicum In Art And Design
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ART 5910 Seminar / Special Topics
Credit varies from 1 to 4 hours. Directed intensive study on selected problems of special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

ART 5930 Individual Study
Credit varies from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area to be studied, and permission of graduate advisor.

ART 5950 Internship In Art And Design
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ART 5960 Institute In Art And Design
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ART 5970 Study Tour In Art And Design
Credit will vary. Subject matter will vary within the department’s field of study.

ART 5990 Thesis In Art And Design
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
BUSINESS ADMINISTRATION (BADM)  
Department of Business Administration

BADM 5000 Workshop  
Credit will vary from 1 to 4 hours; subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master's degree.

BADM 5005 Leading Global Competitive Environments  
This course will help students develop effective communication and leadership skills and examines diversity and ethics in a variety of cultural contexts. Prerequisite(s): Enrollment open to MBA majors only.

BADM 5115 Human Capital Management  
This course identifies current issues in human capital management with emphasis on behavioral and legal aspects of the overall organization. Prerequisite(s): BADM 5005 with a minimum grade of “B”. Enrollment open to MBA majors only.

BADM 5125 Interpretation & Integration: Accounting & Communication  
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 Economy  
This course examines the market economy from Economics and Marketing points of view. Special emphasis is placed on the economic constraints and opportunities marketing. Prerequisite(s): BADM 5005. Enrollment is open to MBA majors only.

BADM 5205 Managing Business Processes W/Information Technology  
This course provides a systems view of an organization and enables students to apply appropriate operations models and information technology concepts and applications. Prerequisite(s): BADM 5005 with a minimum grade of “B”. Enrollment open to MBA majors only.

BADM 5215 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 the 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 Individual Study  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

BADM 5960 Institute  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

BADM 5970 Study Tour  
Credit will vary. Subject matter will vary within the department's field of study.

BADM 5990 Thesis  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

BUSINESS COMMUNICATION (BCOM)  
Department of General Business

BCOM 5000 Workshop  
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master's degree.

BCOM 5303 Business Research Methods  
Concepts and methods of the scientific research process: defining the problem; stating the hypothesis; designing the investigation; developing the proposal; collecting, organizing, presenting, analyzing, and interpreting the data; and reporting the results in both written and oral forms. Prerequisite(s): Completed all prerequisites for the MBA Program.

BCOM 5323 Communication & Business Behavior  
Application of contemporary management and behavioral theories to interpersonal group communication within business organizations. Prerequisite(s): Completed all prerequisites for the MBA Program.

BCOM 5900 Practicum  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

BCOM 5910 Seminar / Special Topics  
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

BCOM 5930 Individual Study  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

BCOM 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.
Graduate Course Descriptions

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.

BIO 5012 Introduction To Biological Research
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 in different habitats and their influence on the distributions, abundances, and adaptations of freshwater organisms. It consists of three hours of lecture and three hours of laboratory per week. Extensive field work is required. Prerequisite(s): 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 Physiological And Biochemical Adaptation
This course is a comprehensive study of physiological and biochemical strategies which help organisms adapt to various environmental conditions. Prerequisite(s): One course in Organic Chemistry and 12 hours of Biological Science to include at least one advanced class in Cell Physiology, Cell Biology or Biochemistry.

BIO 5324 Marine Biology And Laboratory
This course studies marine life with special emphasis on community relationship, ecological factors in different habitats and their influence on the distributions, abundances, and adaptations of marine organisms. It consists of three hours of lecture and three hours of laboratory per week. Extensive field work, including a one-week trip to the Texas Gulf Coast is required. Prerequisite(s): Graduate standing, BIO 2263, and written permission of instructor.

BIO 5324L Marine Biology Lab
This is a three-hour per week laboratory to accompany BIO 5324.
BIO 5334  Environmental Microbiology & Lab
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 Phys And Lab
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 including BIO 2203 and CHEM 3303 and graduate standing.

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 of the taxonomy, morphology, ecology, and evolution of aquatic insects occurring in North America. The course consists of three hours of lecture and three hours of laboratory per week. A collection is required and additional laboratory time is often necessary. Prerequisite(s): 15 hours of Biological Science including BIO 1404.

BIO 5524L  Aquatic Entomology Lab
This is a three-hour per week laboratory to accompany BIO 5524.

BIO 5603  Advanced Mammalian Physiology 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  Advanced Mammalian Physiology 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 & Lab
This course is a study of the theory and principles of Scanning Electron Microscopy. Topics include sample preparation, critical point drying, sputter coating, and operation of scanning electron microscope (SEM). Laboratory exercises will enable students to become proficient in the operation of the SEM and supporting instrumentation. Prerequisite(s): BIO 1304, 1404, 2314 and 12 hours of Biology electives and graduate standing.

BIO 5703  Evolution
This course is a study of the theory and processes of evolution with emphasis on the importance of evolution as a unifying concept to the field of biology. Both historical and the modern concepts are incorporated. Prerequisite(s): 12 hours of biology including BIO 2233, or BIO 3304. Ecological background recommended.

BIO 5723  Biometrics
This course will focus on univariate and selected multivariate statistical techniques used in Biology. Emphasis will be on data collection, presentation, hypothesis formation and testing. Computer data analysis will also be introduced. Prerequisite(s): 15 hours of Biology and MATH 1513.

BIO 5734  Ornithology And Laboratory
This course is a study of the birds of Oklahoma, their taxonomy, physiology, anatomy, ecology, distribution, behavior, and natural history. There is a three-hour per week laboratory. Field trips are required. Prerequisite(s): Graduate standing and 15 hours of biology, including BIO 3534 or BIO 3454 (or permission of the instructor).

BIO 5743  Molecular And Population Genetics
This course is an advanced study of modern genetics theory. Major topics in this course include behavior, development, immunogenetics, quantitative and evolutionary genetics. The molecular techniques used to answer biological questions are emphasized. Prerequisite(s): BIO 2233 or 3304; CHEM 3303.
# Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 5763</td>
<td>Biology Of Cancer</td>
<td>This course is designed to develop students' understanding of the structure, function and reproduction of normal cells and how cancer cells are different. Classification and naming of neoplasms (tumors and cancers) and spread of cancer (invasion and metastasis) will be discussed. Physiological, chemical and biological agents responsible for transformation and mechanisms of oncogenesis will be examined. The clinical aspect so cancer will be characterized and methods of treatment will be included. Prerequisite(s): 15 hours of Biology including BIO 2314.</td>
</tr>
<tr>
<td>BIO 5843</td>
<td>Virology</td>
<td>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.</td>
</tr>
<tr>
<td>BIO 5843L</td>
<td>Virology Lab</td>
<td>This is the laboratory to accompany BIO 5843.</td>
</tr>
<tr>
<td>BIO 5853</td>
<td>General Methods Of Teaching Science</td>
<td>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.</td>
</tr>
<tr>
<td>CHEM 5900</td>
<td>Workshop In Chemistry</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.</td>
</tr>
<tr>
<td>BIO 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.</td>
</tr>
<tr>
<td>BIO 5930</td>
<td>Individual Study In Biology</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.</td>
</tr>
<tr>
<td>BIO 5950</td>
<td>Internship In Biology</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.</td>
</tr>
<tr>
<td>BIO 5960</td>
<td>Institute In Biology</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.</td>
</tr>
<tr>
<td>BIO 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>BIO 5990</td>
<td>Thesis</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.</td>
</tr>
<tr>
<td>CHEM 5000</td>
<td>Workshop In Chemistry</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of &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>CHEM 5103</td>
<td>Biochemistry II</td>
<td>Metabolic pathways and their regulation are studied, emphasizing enzyme reactions and regulation in mammalian systems. Topics include energy pathways, synthetic pathways, and the balancing of tissue needs via hormonal regulation. Each student will complete a paper on the use of enzymes 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.</td>
</tr>
<tr>
<td>CHEM 5253</td>
<td>Forensic Science Analysis &amp; Lab</td>
<td>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.</td>
</tr>
<tr>
<td>CHEM 5253L</td>
<td>Forensic Science Analysis Lab</td>
<td>This laboratory course accompanies CHEM 5253. Concurrent enrollment in CHEM 5253 is required.</td>
</tr>
<tr>
<td>CHEM 5454</td>
<td>Advanced Instrument Analysis &amp; Lab</td>
<td>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.</td>
</tr>
<tr>
<td>CHEM 5454L</td>
<td>Advanced Instrument Analysis Lab</td>
<td>This laboratory course accompanies CHEM 5454. Concurrent enrollment in CHEM 5454 is required.</td>
</tr>
<tr>
<td>CHEM 5603</td>
<td>Advanced Organic Chemistry</td>
<td>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.</td>
</tr>
<tr>
<td>CHEM 5900</td>
<td>Practicum In Chemistry</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

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 Juvenile Justice Systems Management and Administration
The juvenile justice system in America will be explored in depth from juvenile intake into the system to final disposition. Juvenile and police relations, the juvenile court process, juvenile law, juvenile rights, and the organizations, management and administration of juvenile bureaus will be covered. Operating juvenile systems will be studied and compared both on a national and international basis.

CJ 5023 Community Oriented Policing
This course examines police and community collaboration to solve and prevent crime with a focus on police/community relations.

CJ 5033 Critical Issues In Criminal Justice
The object of this course is to present to the student major critical issues facing the criminal justice system in America. Major emphasis will be placed on the making of criminal law, police power in a democratic society, problems within the court and the correctional process in America. The course intends to develop an understanding in depth on the part of the student concerning major critical issues in the area of criminal justice.

CJ 5043 Modern Criminal Investigations
This course is designed to combine the practical and theoretical aspects of criminal investigations; develop an analytical and practical understanding of the investigative process and explore future predictions of crime solving technology and techniques from a law enforcement perspective. Prerequisite(s): POL 3613.

CJ 5053 Principles Of Management In Criminal Justice Organizations
The criminal justice process in America will be viewed in depth from a systems approach. Areas to be covered are: (1) criminal justice as a manageable system, (2) systems as an approach to management, (3) systems management modeling, (4) criminal justice organizational consideration, and (5) making the criminal justice model go systematically.

CJ 5063 Innovation In Corrections And Penology
This course will be designed to explain the needs for research and the interpretation of data in the criminal justice system. Emphasis will be placed on planning, interpretation, implementation, and evaluation of programs in corrections and penology. The remainder of the course will focus on new and innovative programs in corrections and penology.

CJ 5073 Elements Of Criminal Offenses
This course will examine the foundations of American jurisprudence and the enactments of criminal offense statutes. The elements of and defenses to inchoate offenses, offenses against persons, crimes 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.
Graduate Course Descriptions

CJ 5093   Police Systems Mnmt & Administration
The police process in America will be viewed from a systems approach. Police activity represents only one aspect of the total criminal justice process. Areas to be covered: (1) police systems management and administration, (2) behavioral science application to police management, (3) police management and administration tasks, (4) systems analysis for police, (5) organizational development and managerial functions, and (6) police productivity.

CJ 5113   Research Methods In Criminal Justice
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 Management & Admin.
The correctional process will be viewed from a systems approach since it represents one element in the total criminal justice process. Attention will be given to the correctional process and its relationship to other institutional and organizational elements within the total Criminal Justice system.

CJ 5143   Family Violence Investigations
This course will cover law enforcement/social service agency investigations of family violence and provide an overview of the many facets, characteristics and theories of family violence, including but not limited to, child abuse/neglect, elder abuse/neglect, domestic violence (spousal & non-spousal), dating violence and date rape.

CJ 5153   Research And Planning
This course will examine the development of criminal justice policy and procedures using secondary data analysis, crime mapping, and open source data to establish the criterion for change and allocation of resources.

CJ 5203   Dangerous/Violent Offenders
This course presents the characteristics, behaviors, and attitudes of violent offenders with particular emphasis on sex offenders. The areas of domestic violence, pedophilia, sexual assault, and mass and serial murder comprise separate sections of the course. Prerequisite(s): 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 5233   Writing & Evaluating Research
This course examines advanced principles and procedures of scholarly research in the criminal justice field.

CJ 5313   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.

CJ 5323   Victimology
This course is designed to provide a complete and integrated study of victimization, including a comprehensive review of the history and theories of victimology, the interaction of crime victims with others in the criminal justice system, an in-depth examination of diverse types of victimization, an examination of current as well as classical works in the field and a focus on victim services. Prerequisite(s): Graduate standing.

CJ 5413   Delinquent Child Law
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.

CJ 5423   Child Abuse And Neglect Law
This course is designed to give the student an overview of the development of unique terminology, laws, institutions, social service agencies, police units, procedures and courts to protect abused/neglected children in Oklahoma and the United States.

CJ 5433   Oklahoma Juvenile Correctional System
This course is a comprehensive survey of the Oklahoma juvenile correction system. Included will be a review of the statutes creating, regulating and dictating the agency, institutions, infrastructure, processes, treatment procedures and personnel of various institutions and agencies. Prerequisite(s): CJ 4413, 4423, SOC 4573.

CJ 5443   International Juvenile Systems
This course is designed to give the student an overview of various international juvenile systems and explore how those countries deal with juvenile delinquents and other juveniles in comparison to juvenile court procedures and laws in the United States. Prerequisite(s): CJ 4413, 4423, 4433, SOC 4573.

CJ 5523   Cyber Crime
This course provides an introduction to the investigation of computer crime and the forensic examination of digital evidence.

CJ 5533   White Collar Crime
This course emphasizes debates about white collar crime; different types of white collar crimes; theories and explanations of white collar 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 "C".

CJ 5633   Terrorism & Homeland Security
This course provides an overview of the historical and current context of international and domestic terrorism using a criminological and criminal justice framework.

CJ 5643   Advanced Crime Theory
This course examines a range of criminological theories pertaining to offending populations and the correlates of crime. Prerequisite(s): SOC 3633.
CJ 5713  Community-Based Corrections
This course is designed to give the student an in-depth overview of probation, parole, halfway houses, work furlough programs and other comprehensive aspects of community-based corrections in Oklahoma and the United States. Prerequisite(s): CJ 4703.

CJ 5723  Critical Issues In Corrections
This course is designed to give the student a comprehensive survey of the controversial issues in Oklahoma and American corrections, including but not limited to: rehabilitation v. punishment, shaming, electronic monitoring, boot camps, privatization, community supervision v. Incarceration, drug offender incarceration v. treatment, white collar offenders, death penalty for adults and juveniles, coed institutions, incarceration of pregnant women, and other issues in the field of corrections. Prerequisite(s): CJ 4703.

CJ 5813  Oklahoma Adult Correctional System
This course is a comprehensive survey of the Oklahoma adult correction system. Included will be a review of the statutes creating, regulating and mandating the infrastructure, processes, procedures and personnel of various institutions and agencies within the Oklahoma adult correction system. Prerequisite(s): CJ 4063, 4703, 4723.

CJ 5823  International Correction Systems
This course is a survey of various correction systems in the world, including England, France, Sweden, Japan, Russia, China and will include a comparison to corrections in Oklahoma and the United States. The correction systems will be explored in the context of the political, historical, organizational and procedural context for the various countries. Prerequisite(s): CJ 4063, 4703, 4723, 4813.

CJ 5900  Practicum In Criminal Justice
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Supervised practical application of previously studied theory. Limited to four semester hours per enrollment.

CJ 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

CJ 5930  Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Study completed on an individual basis covering material specified by the instructor.

CJ 5950  Internship In Criminal Justice
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

CJ 5960  Institute In Criminal Justice
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Assignments are given and students receive normal letter grades.

CJ 5970  Study Tour In Criminal Justice
Credit will vary. Subject matter will vary within the department's field of study. An enrollment associated with educational travel organized through university faculty. Such enrollment may be for credit or audit.

CJ 5990  Thesis In Criminal Justice
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.
Graduate Course Descriptions

CMSC 5123  Advanced Microcomputer Applications
This course is a survey of the installation and programming of microcomputers using microcomputer based operating systems with emphasis on maintaining tree structured directories, program- ming batch files, controlling i/o redirection, working with serial and parallel ports, using internal operating system commands and utilities, and installing vendor provided software.

CMSC 5133  Theory Of Data Base Systems
This course covers the concepts, principles, implementation practices, and guidelines for the selection and installation of data base systems. Topics include choosing a dictionary, the relational approach, the hierarchical approach, and the network approach. There will be some discussion of security and integrity comparison. Prerequisite(s): CMSC 4003 or CMSC 5043.

CMSC 5243  Artificial Intelligence
This course is a study of the basic concepts and techniques of artificial intelligence or intelligent systems. Some of the topics covered are search techniques, heuristics, expert systems, systems of logical inference, methods of representing knowledge, and AI programming. Prerequisite(s): CMSC 4133 or 5033.

CMSC 5273  Theory Of Computing
Theory of Computing is a study of computation theory encompassing three broad categories: formal languages and automata theory, computability theory, and complexity theory. The topics covered include Turing machines, finite automata, nondeterminism, pushdown automata, decidability, and NP-completeness. Prerequisite(s): CMSC 3613 with a minimum grade of "C".

CMSC 5283  Software Engineering
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.

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 5970  Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

CMSC 5980  Graduate Project
A contemporary problem provided by business and industry and selected with consideration of the interests and abilities of the individual student. Prerequisite(s): Permission of instructor.

CMSC 5990  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study. rerequisite(s): Permission of instructor.

COMM 5900  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics. rerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

COMM 5910  Individual Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area 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 even more persistent questions about what does and does not constitute seriousness in literary fiction by considering the detective story functionally, in terms of the human desires it satisfies.

CSDY 5113  Pub Pro: Editing & Marketing
The course provides the graduate student with practical knowledge of the publishing world, including editorial techniques and proofreading, marketing book-length fiction projects and obtaining representation, concurrent enrollment, or completion of novel writing course.

CSDY 5123  Short Story Writing I
The first course in an integrated, three-course sequence, Short Story Writing I will help students learn to write, edit, and submit their short stories to literary journals, magazines, and contests. By reading published stories, books and articles on the craft of writing short fiction, and by critiquing their colleagues’ writing, students will explore the basic components of the short story: character, conflict, theme, opening, progression, climax, closure and style, while producing no fewer than forty pages of original prose. Prerequisite(s): Graduate standing.

CSDY 5133  Short Story Writing II
The second course in an integrated three-course sequence, Short Story Writing II provides practical workshop instruction for students who are continuing to train themselves as writers of the short story. Students will continue to improve their understanding of the basic components of the short story by studying examples of published stories, by critiquing their colleagues’ work, and by producing no fewer than sixty pages of original prose, in the form of at least three finished short stories in publishable form, which must be submitted to local or national publications. Students may not take Short Story Writing II until they have completed Short Story Writing I and earned a grade of B or higher in that class, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5123 with minimum grade of “B” and graduate standing.

CSDY 5143  Short Story Writing III
The third course in an integrated, three-course sequence, Short Story Writing III provides practical workshop instruction for students who are in the process of completing a collection of short stories. Students will have at least 100 pages written prior to beginning the class and will write an additional 60 pages over the course of the term. Students will be stepping into their literary identities as writers of short stories that they will submit simultaneously to at least five markets or contests per story. (The necessary expense of postage and photocopying must be considered when taking this class.) Students will also present ten-minute oral reports accompanied by written evaluations of self-help books dealing with writing and publishing the short story, and they will read at least two complete collections of stories authored by other members of the class and will write a detailed critique of each of these collections. Finally, each student will discover at least one short story writer of international reputation and report on this writer to the class. Students not familiar with the Russian, French, or German traditions of the short story will be encouraged to select a writer from one of these traditions as the subject for their reports. Students may not take Short Story Writing III until they have completed Short Story Writing I and Short Story Writing II and earned a grade of B or higher in both classes, unless they have received written permission from the office.

CSDY 5203  19th Century Russian Literature 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. Impressionism: Ford, Conrad, & James
This is a study of the literary which takes its name from the impressionist (first exhibited in 1874) and which reaches an apogee in the 1890’s. Literary impressionism is outlined in part in the writing of Ford Maddox Ford and describes a variety of recurring literary themes and styles employed in the novels of all three writers. Some of the features of this approach are: a jumbled or nonlinear narrative chronology, an 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 Expatriates
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  Advanced Genre Studies-Creative Writing
A conference course for the creative studies students and other special students who have chosen creative writing as their focus in a degree pattern. The student will continue work throughout the semester on a single fiction or nonfiction project begun in CSDY 3593. Another 100 polished pages output required.

CSDY 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.
Graduate Course Descriptions

CSDY 5273  Writing The Novel
This is a continuation of CSDY 3593 and 4253, aiding the student in the final structuring and composition of his writing project. A third 100 pages of polished copy is required and student work is analyzed against exemplary materials for publication submissions.

CSDY 5313  Writing Mystery/Adventure
The student will read popular and classic Mystery/Adventure stories and write creative papers in both genres. The student will research and compare historical and contemporary works, and prepare a scholarly paper analyzing additional works of a contemporary author. Prerequisite(s): CSDY 3573.

CSDY 5323  Novel Writing I
The first course in an integrated, three-course sequence, Novel Writing I will help students to begin writing complete novels. Through reading published novels, books on writing fiction, and their colleagues’ drafts, students will explore the basic components of the novel—including plot, setting, character, pacing, and dialogue—as they begin to generate their own texts. Prerequisite(s): Graduate standing.

CSDY 5333  Novel Writing II
The second course in an integrated, three-course sequence, Novel Writing II provides practical workshop instruction for students who are continuing work on the original novel that they began writing in Novel Writing I. Students will continue to improve their understanding of the basic components of the novel by studying published novels, critiquing their colleagues’ drafts, and working on the middle section of their own drafts. Students may not take Novel Writing II until they have completed Novel Writing I and earned a grade of B or higher in that course, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5323 with a minimum grade of “B” and graduate standing.

CSDY 5343  Novel Writing III
The final course in an integrated, three-course sequence, Novel Writing III provides practical workshop instruction for students who are completing work on the original novel that they began writing in Novel Writing I and continued developing in Novel Writing II. Students will continue to improve their understanding of the components of the novel by studying published novels, critiquing their colleagues’ drafts, and working on the final section of their own drafts. Students may not take Novel Writing III until they have completed Novel Writing I and Novel Writing II and earned a grade of B or higher in both courses, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5323, 5333 with a minimum grade of “B” and graduate standing.

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 Century Spanish Literature In Translation
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.

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 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 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 a one-act play or a three-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 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 in poems 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 course, unless they have received written permission from the office of the Director of Creative Writing. Prerequisite(s): CSDY 5543 with a minimum grade of “B” and graduate standing.

CSDY 5563 Poetry Writing III
The final course in an integrated, three-course sequence, Poetry Writing III provides practical workshop instruction for students who are continuing the work as poets that they began in Poetry Writing I and II. Students entering this class are expected to have a portfolio of about twenty-five poems, several of which, it is hoped, will already have been published. Students will continue to improve their understanding of the basic components of the poem by studying both contemporary published poetry and the published work of previous generations of poets, by critiquing their colleagues' drafts, and by working to refine and adjust their own poetic skills by writing new poems and revising their collections of previously written poems. 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.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSDY 5633</td>
<td>Playwriting III</td>
<td>CSDY 5613, 5623 with a minimum grade of “B” and graduate standing.</td>
<td>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.</td>
</tr>
<tr>
<td>CSDY 5643</td>
<td>Screenwriting I</td>
<td>CSDY 5643 with a minimum grade of “B” and graduate standing.</td>
<td>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.</td>
</tr>
<tr>
<td>CSDY 5653</td>
<td>Screenwriting II</td>
<td>CSDY 5643 with a minimum grade of “B” and graduate standing.</td>
<td>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.</td>
</tr>
<tr>
<td>CSDY 5663</td>
<td>Screenwriting III</td>
<td>CSDY 5643 with a minimum grade of “B” and graduate standing.</td>
<td>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.</td>
</tr>
<tr>
<td>CSDY 5823</td>
<td>Literary Criticism For Creative Writers</td>
<td>CSDY 5613, 5623 with a minimum grade of “B” and graduate standing.</td>
<td>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.</td>
</tr>
<tr>
<td>CSDY 5900</td>
<td>Practicum In Creative Studies</td>
<td>CSDY 5900 with a minimum grade of “B” and graduate standing.</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>CSDY 5910</td>
<td>Seminar / Special Topics</td>
<td>CSDY 5910 with a minimum grade of “B” and graduate standing.</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>CSDY 5930</td>
<td>Individual Study</td>
<td>CSDY 5930 with a minimum grade of “B” and graduate standing.</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>CSDY 5950</td>
<td>Internship In Creative Studies</td>
<td>CSDY 5950 with a minimum grade of “B” and graduate standing.</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>CSDY 5960</td>
<td>Institute In Creative Studies</td>
<td>CSDY 5960 with a minimum grade of “B” and graduate standing.</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>CSDY 5970</td>
<td>Study Tour</td>
<td>CSDY 5970 with a minimum grade of “B” and graduate standing.</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>CSDY 5990</td>
<td>Thesis</td>
<td>CSDY 5990 with a minimum grade of “B” and graduate standing.</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>

**DANCE (DANC)**

**Department of Theatre, Dance and Media Arts**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 5910</td>
<td>Seminar / Special Topics</td>
<td>Permission of instructor.</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>DANC 5960</td>
<td>Institute In Dance</td>
<td>Permission of instructor.</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>

**DESIGN (DES)**

**Department of Design**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 5000</td>
<td>Workshop In Design</td>
<td>Permission of instructor.</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>DES 5033</td>
<td>Methods In Design Studies</td>
<td>Permission of instructor.</td>
<td>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.</td>
</tr>
<tr>
<td>DES 5113</td>
<td>History Of Graphic Design</td>
<td>Permission of instructor.</td>
<td>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.</td>
</tr>
</tbody>
</table>
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. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5293  Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

DES 5313  Typography
This course provides advanced study in the application of principles, philosophies, materials, and production of typographic design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated for credit. Prerequisite(s): Permission of Graduate Advisor. Enrollment is open to Graphic Design majors only.

DES 5333  Print Design Studio
This course provides advanced study in the application of principles, philosophies, materials, and production of print design. The student will present projects and solutions to the Design Graduate Committee for review, guidance, and evaluation. This course may be repeated two times for credit. Prerequisite(s): Permission of instructor.

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.
## Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DES 5613</td>
<td>Lighting Design Studio</td>
<td>This course provides advanced study in the application of principles,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>philosophies, materials, and production of lighting design. The student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>will present projects and solutions to the Design Graduate Committee;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>guidance, and evaluation. This course may be repeated two times for credit.</td>
</tr>
<tr>
<td>DES 5633</td>
<td>Computer Drafting Studio</td>
<td>This course provides advanced study in the application of principles,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>philosophies, materials, and production of computer drafting. The student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>will present projects and solutions to the Design Graduate Committee;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>guidance, and evaluation. This course may be repeated two times for credit.</td>
</tr>
<tr>
<td>DES 5653</td>
<td>Residential Design Studio</td>
<td>This course provides advanced study in the application of principles,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>philosophies, materials, and production of residential interior design.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The student will present projects and solutions to the Design Graduate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Committee for review, guidance, and evaluation. This course may be</td>
</tr>
<tr>
<td></td>
<td></td>
<td>repeated two times for credit. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>DES 5713</td>
<td>Commercial Design Studio</td>
<td>This course provides advanced study in the application of principles,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>philosophies, materials, and production of commercial interior design.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The student will present projects and solutions to the Design Graduate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Committee for review, guidance, and evaluation. This course may be</td>
</tr>
<tr>
<td></td>
<td></td>
<td>repeated two times for credit. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>DES 5733</td>
<td>Furniture Design Studio</td>
<td>This course provides advanced study in the application of principles,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>philosophies, materials, and production of furniture design. The student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>will present projects and solutions to the Design Graduate Committee;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>guidance, and evaluation. This course may be repeated for credit.</td>
</tr>
<tr>
<td>DES 5753</td>
<td>Environmental Design Studio</td>
<td>This course provides advanced study in the application of principles,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>philosophies, materials, and production of environmental design. The</td>
</tr>
<tr>
<td></td>
<td></td>
<td>student will present projects and solutions to the Design Graduate Committee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>for review, guidance, and evaluation. This course may be repeated two</td>
</tr>
<tr>
<td></td>
<td></td>
<td>times for credit. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>DES 5773</td>
<td>Charles Evans Studio</td>
<td>This course is a working design studio managed and staffed by interior</td>
</tr>
<tr>
<td></td>
<td></td>
<td>design majors who work with campus and community clients, vendors, and a</td>
</tr>
<tr>
<td></td>
<td></td>
<td>team of designers. Students make formal presentations of concept proposals</td>
</tr>
<tr>
<td></td>
<td></td>
<td>and solutions to the client for approval. This course may be repeated two</td>
</tr>
<tr>
<td></td>
<td></td>
<td>times for credit. Prerequisite(s): Permission of instructor.</td>
</tr>
<tr>
<td>DES 5843</td>
<td>Teaching Design</td>
<td>This course provides the MFA Design student with the information and skills</td>
</tr>
<tr>
<td></td>
<td></td>
<td>in studio teaching methodology, vocabulary, student evaluation, development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>of design projects, and course administration procedures to effectively</td>
</tr>
<tr>
<td></td>
<td></td>
<td>teach a studio course in design. This course may be repeated for credit.</td>
</tr>
<tr>
<td>DES 5900</td>
<td>Practicum In Design</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>department's field of study.</td>
</tr>
<tr>
<td>DES 5910</td>
<td>Seminar / Special Topics</td>
<td>Credit varies from 1 to 4 hours. Directed intensive study on selected</td>
</tr>
<tr>
<td></td>
<td></td>
<td>problems or special topics.</td>
</tr>
<tr>
<td>DES 5930</td>
<td>Individual Study In Design</td>
<td>Credit will vary from 1 to 4 hours. Directed intensive study on definite</td>
</tr>
<tr>
<td></td>
<td></td>
<td>problems or special subjects based on approved outlines of plan;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>conferences, oral and written reports.</td>
</tr>
<tr>
<td>DES 5950</td>
<td>Internship In Design</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>department's field of study.</td>
</tr>
<tr>
<td>DES 5960</td>
<td>Institute In Design</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>department's field of study.</td>
</tr>
<tr>
<td>DES 5970</td>
<td>Study Tour In Design</td>
<td>Credit will vary from 1 to 6 hours. Subject matter will vary within the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>department's field of study.</td>
</tr>
<tr>
<td>DES 5980</td>
<td>Thesis In Design</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>department's field of study.</td>
</tr>
</tbody>
</table>

## EDUCATIONAL ADMINISTRATION (EADM)

### Department of Advanced Professional Services

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EADM 5000</td>
<td>Workshop</td>
<td>Credit will vary from 1 to 4 hours; subject matter will vary within the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>department's field of study. Normally involves lecture, films, guest speaker</td>
</tr>
<tr>
<td></td>
<td></td>
<td>, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may</td>
</tr>
<tr>
<td></td>
<td></td>
<td>be counted on a master’s degree.</td>
</tr>
<tr>
<td>EADM 5353</td>
<td>Technology For School Admin</td>
<td>This course is designed to provide an overview of software, hardware, and</td>
</tr>
<tr>
<td></td>
<td></td>
<td>networking used in the management of schools with an emphasis on scheduling,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>record keeping and decision making. The course will include presentation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>software usage and technology issues such as planning, purchasing, and</td>
</tr>
<tr>
<td></td>
<td></td>
<td>leadership.</td>
</tr>
<tr>
<td>EADM 5363</td>
<td>School Building And Grounds</td>
<td>This course is designed to give the prospective administrators the necessary</td>
</tr>
<tr>
<td></td>
<td></td>
<td>abilities to administer the school plant services. Capital improvement,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>contracting, site selection, and school building construction will be a</td>
</tr>
<tr>
<td></td>
<td></td>
<td>vital part of the course. Prerequisite(s): EADM 5543.</td>
</tr>
<tr>
<td>EADM 5453</td>
<td>Interpersonal Relations In Schl Admin</td>
<td>The purpose of this course will be to help prospective administrators in the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>development of their human relations skills which broadly includes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>development in interpersonal relationships and group process skills.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prerequisite(s): Admission to Education Administration and EADM 5543.</td>
</tr>
<tr>
<td>EADM 5543</td>
<td>Fundamentals of Public School Administration</td>
<td>Basic principles and practices in modern school administration.</td>
</tr>
<tr>
<td>EADM 5553</td>
<td>Legal Aspects School Administration</td>
<td>This course is designed to give the student some knowledge of the general</td>
</tr>
<tr>
<td></td>
<td></td>
<td>principles of school law. Consideration will be given to an understanding of</td>
</tr>
</tbody>
</table>
EADM 5583 Public School Finance
Sources of school finance, control of expenditures, general principles of financial administration. Prerequisite(s): Admission to Education Administration and EADM 5543.

EADM 5623 Supervision/Evaluation Of Instruction
The course will prepare school leaders to supervise and evaluate instructional programs, personnel, and curricular programs in public schools. Additionally, this course will examine the better practices in classroom supervision, the perspectives for supervision, and the foundations of supervisory leadership. Prerequisite(s): EADM 5543 AND 5553.

EADM 5673 School Personnel Administration
A study of current personnel policies and practices that affect both certified and non-certified staff members. Prerequisite(s): EADM 5543 and admission to Education Administration.

EADM 5683 Curriculum Leadership
This course will emphasize the supervision and evaluation of curriculum in public school systems. Additionally, it will include a study of current and instructional programs programs which require a principal’s support, guidance, and leadership as school personnel work to improve and enhance the delivery of the school’s curriculum. Prerequisite(s): EADM 5543, 5013, and admission to the School Administration program.

EADM 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 Individual 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 Families/Communities
This course focuses on the critical impact of the family-school-community partnership on the educational progress of children. Theoretical perspectives on family and socio-cultural dynamics, research-based rationales for school and family engagement, and parent education will be emphasized. In addition, students will analyze effective leadership traits and assess their own unique leadership potential to empower families and communities. Prerequisite(s): Graduate standing or permission of instructor.

ECED 5063 Devel. & Learning & 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 Language Develop. & Emerging Literature
A study of the theory, materials, methods and instructional techniques applicable to language development and emergent literacy experiences during the early childhood years - birth through age eight. This course examines developmentally appropriate, integrated and interdisciplinary language arts approaches to literacy development encompassing writing, reading, and oral language of young children in the home and school environment.

ECED 5082 Parent Education III
(Cognitive and moral development, age five through age eight) An in-depth study of the cognitive and moral development of the child from age five to age eight. It is designed for teachers and others in the helping professions that deal with children and their parents. The course includes examination of appropriate home learning-play activities that will promote and reinforce beginning reading, math, and the development of logical thought.

ECED 5103 Develop. & Learning & Fam. Involvement 4 - 8
This course is an in depth study of the development and learning of the young child from four to eight years of age. It includes analyses of the multiple influences on development and learning as well as developmentally appropriate environments and experiences that promote learning for children in this age range. The utilization of this knowledge to create healthy, respectful, supportive, and challenging learning environments and to educate and involve all families in their children’s development and learning is emphasized. Prerequisite(s): Graduate standing or permission of instructor.

ECED 5133 Science & Social Studies In Early Childhood
This course focuses on the application of cognitive development and the constructivist theory in the selection of appropriate methods, materials, and learning experiences for preschool and primary-age children in science and social studies.
### Graduate Course Descriptions

**ECED 5153 Developing Assessment Issue**  
Graduate students will study assessment issues currently impacting young children and their families birth to age eight. There is an emphasis on creating an authentic assessment system to use with a classroom of young children. A research component is included in the course.

**ECED 5223 Educ. Practices/Constructivist Techniques**  
This course will provide an in-depth study of the constructivist psychology of learning. Emphasis will be on materials, classroom management, and curricular application commensurate with the theory of constructivism.

**ECED 5232 Affirming Diversity: Multicultural Education**  
A study of the needs of culturally diverse children, the factors of influence that characterize their environment, and an intensive examination of realistic approaches by parents, school and community to aid them in reaching their maximal potential in America’s highly urbanized, technological society. The focus of the course content will be to affirm and respect culturally and linguistically diverse children, support home language preservation, and promote anti-bias approaches through the creation of appropriate learning environments and experiences.

**ECED 5313 Creativity In Early Childhood**  
This course provides an introduction to the diverse range and variability of creative development including creative thinking, creative processes, creative abilities, the aesthetic and performing arts, music, and movement for children and teachers of young children.

**ECED 5422 Parent Community Relations**  
This course is designed to acquaint the student with educational resources available to educators in the community and to enhance their effectiveness in relations with both parents and the community. Prerequisite(s): Admission to Teacher Education.

**ECED 5433 Theoretical Perspective Learning & Practice**  
This course focuses on the critical analysis of current research and theory from multiple disciplines in regard to learning and development and the implications for practice in early childhood settings. Play as a learning medium is emphasized. Students will engage in self-reflection and self-assessment as a means to examine professional practice and promote growth and development.

**ECED 5512 Professionalism & Advocacy**  
This course examines the professional landscape of the early childhood educator, including the knowledge and use of ethical guidelines and other professional standards related to early childhood practice. Special emphasis is placed on the various ways they can serve as advocates for young children and their families. Communication skills, as well as skills in identifying and using professional resources are included. It is recommended that this course be taken at the beginning of the ECED Master’s Program.

**ECED 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 Individual Study**  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

**ECED 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.

### ECONOMICS (ECON)  
Department of Economics

**ECON 5000 Workshop In Economics**  
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**ECON 5103 Microeconomic Analysis**  
Use of economic theory and analysis in the solution of business and public policy problems using demand and cost estimation and analysis, economic forecasting, and cost/benefit analysis. Investigation of various forms of competitive and noncompetitive behavior. Prerequisite(s): Completed all prerequisites for the MBA Program.

**ECON 5203 Economic Growth & Development**  
A comprehensive study of the economic growth and development process in developing countries, including development strategies, industrialization, technical change, income distribution, migration, savings mobilization and investment and trade policies. Prerequisite(s): Completed all prerequisites for the MBA Program.

**ECON 5303 Quantitative Economics**  
The use of mathematical techniques in the development and verification of economic theory and economic models, including static (equilibrium) analysis, linear models, comparative static analysis, optimization techniques, and dynamic analysis. Prerequisite(s): Completed all prerequisites for the MBA Program with a minimum grade: C.

**ECON 5323 Policy Analysis**  
A comprehensive exposure to analytical tools used in evaluating investments, projects, and policies, with specific applications to federal, state, and local government policies and projects. Prerequisite(s): Completed all prerequisites for the MBA Program.

**ECON 5333 Urban Economics**  
A comprehensive study of the history, origin and evolution of cities, including an analysis of urban land use, public finance, transportation, pollution, crime, poverty, housing, and economic development issues. Prerequisite(s): Completed all prerequisites for the MBA Program.
ECON 5343 Economic Analysis Of Law
An advanced investigation of the underlying economic basis of common law including the economics of property, contract, tort, criminal and family law. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5353 Economics Of Education
An advanced study of issues surrounding the production and delivery of education, the impact of education on individual earnings, and the role of education in economic development. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5363 Market Structure/Regulation/Antitrust
Use of theory, case studies and legal precedents to investigate alternative forms of industrial organization, with emphasis placed on underlying structure, market performance/conduct, social welfare implications, and policy alternatives such as regulation and antitrust. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5373 Health Care Economics
A comprehensive examination of health care markets through analysis of market incentives and behavior of demanders and providers. Characteristics that prevent market forces from generating socially desirable outcomes are analyzed, including imperfect information, uncertainty, and externalities, as well as the inherent conflict arising from the desire to assure “equal access” for all individuals despite divergent incomes. Government interventions are examined and critiqued using economic theory. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5403 International Economics
A comprehensive study of the theory of international trade, commercial policy, preferential trading arrangements, and topics on the balance of payments and the international adjustment mechanism. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5453 Advanced Business Statistics
General linear models for estimating and testing, problem analysis, and interpretations of various statistical models. he topics treated include general linear and nonlinear regression models in matrix terms, inferences in regression analysis, multivariate analysis, analysis of covariance, discriminate analysis, analysis of categorical data, the Box–Jenkins approach to forecasting, and some topics in sampling techniques. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5483 Microeconomic Theory
Advanced analysis of the theories of demand, supply production, cost, the firm, and market organizations. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5503 Macroeconomics Analysis
A theoretical and applied analysis of national income, employment, interest rates, economic growth, exchange rates, fiscal and monetary policy, supply shock, and related topics, with emphasis on the impact of macroeconomic forces on the business community. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5523 Policy Issues In Labor Economics
Applies labor economic theory and economic tools to the analysis of contemporary public policy issues in labor economics. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5603 Comparative Economic Systems
A comprehensive study and comparison of major economic systems, including capitalism, socialism and mixed economic systems; an analysis of their relative efficiency; and a survey of the main problems faced by economies in transition. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5893 Applied Research & Analysis Tools
Provides the applied knowledge, advanced technical and library skills, and hands-on experience necessary for performing economic research and analysis. Prerequisite(s): Completed all prerequisites for the MBA Program.

ECON 5900 Practicum In Economics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5930 Individual Study In Economics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ECON 5950 Internship In Economics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ECON 5960 Institute In Economics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

ECON 5970 Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

ECON 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

ELEMENTARY EDUCATION (ELED)
Department of Curriculum and Instruction

ELED 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 Literature-Based Language Arts Instruction
Through the use of quality children’s literature, focus of this course seeks to enable teachers and other school personnel to enhance elementary and middle school students' performance in language arts, particularly listening, speaking, and writing. Prerequisite(s): ELED 4213 - Teaching Language Arts in Elementary/Middle School Grades.

ELED 5253 Inquiry Science For Elementary Teachers
A study of inquiry methods for teaching children life, earth-space and physical science concepts. Emphasis is placed on national science and certification standards. Prerequisite(s): Valid elementary certificate or admitted to candidacy.
Graduate Course Descriptions

ELED 5323 Teaching Mathematics In Preschool/Primary
The selection and organization of subject matter is designed to facilitate the teacher’s ability to meet the needs of preschool and primary children. Child development and mathematics curriculum will be studied including mathematics readiness, diagnosis, and placement. Activities for developing concepts in topics such as pre-number, number, geometry, measurement, and the collection and organization of data will be explored. Prerequisite(s): Admission to Teacher Education.

ELED 5333 Teaching Math In Intermediate Grades
This course is designed to facilitate the prospective teacher’s ability to meet the needs of intermediate grade students in the study of mathematics. It includes the study of current trends in mathematics curriculum; instructional techniques and procedures; 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 Studiesin The Elementary School
This course will address the function of social studies in elementary education, and facilitate the development of processes 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 Teaching Mathematics For Understanding
Selection and organization of content; teaching techniques and materials; evaluation of student achievement; refresher study on content supplementing normal course work. Prerequisite: ELED 3333.

ELED 5753 Social Studies In Global Environment
This course will focus on the nature and scope of the elementary social studies program. Emphasis will be on the selection and organization of instructional materials and improvement of teaching techniques.

ELED 5772 Improving Instruct. in Lit. Elem. Schools
Based upon children’s interests, needs, and learning ability, students will consider the evaluation, selection and use of all genre of literature currently being used in elementary and middle schools. Improving teaching techniques using literature will be interwoven throughout 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 Individual 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 Bibliography & 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 In Science/Technical Writing
This class will cover the history of scientific and technical writing of women writers from Renaissance through the twentieth century.
ENG 5073 19th Century British Women Writers
This course examines the works of major British women writers of the nineteenth century, focusing on the female literary tradition inherent in their novels and poetry.

ENG 5083 Early American Gothic Fiction
This course examines the Gothic tradition in works of American fiction written during the 18th and 19th centuries, focusing on the way in which this tradition responds to American ideology and events in American history.

ENG 5093 20th Century Amer. Womens Autobiography
This course examines autobiographies written by women during the twentieth century. The course will concentrate on providing a theoretical background and strategies for analyzing women's life writing.

ENG 5103 Modern Drama
This one-semester course in world drama, covering about twenty-four plays, starts with Ibsen, the late nineteenth-century father of modern drama, and proceeds to several contemporary plays, focusing on major world dramatists and dramatic movements.

ENG 5113 Studies In Literary Criticism
This course features advanced studies in literary theory with emphasis on twentieth century criticism and practice in the various modes of literary analysis.

ENG 5133 19th Century British Novel
This course will provide an intensive examination of novels by British fiction writers during the 19th Century. With an emphasis on context and an attempt to understand the intellectual, political, and artistic preoccupations of Britain's 19th Century, the course will direct attention to themes and social commentary in an artistic literary approach to 19th Century British fiction.

ENG 5153 Victorian Poetry And Prose
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.

ENG 5173 Romantic Poetry
A study of the major poets of the Romantic period from the 1780's to the 1820's, the course is designed to introduce students to the major literary criticism on the Romantic period as it increases their understanding of the Romantic poets' ideals and artistic themes.

ENG 5183 Restoration/18th Century British Literature
This course offers a comprehensive study of the major authors, genres, and thematic concerns of Restoration and early 18th-century British literature.

ENG 5193 British Novel 1900-1940
This course on the work of the major British novelists from approximately 1900 to 1940 focuses on the Modernist movement in British literature.

ENG 5203 The Age Of Johnson
Taking the writing of Samuel Johnson as a point of departure, this course examines the major authors, genres, and thematic concerns of British literature during the period 1737-84.

ENG 5213 18th Century British Novel
This course on the work of the major British novelists of the eighteenth century focuses on the rise of the British novel and deals with the major antecedent of the novel as a genre.

ENG 5223 Southern Women Writers
This course offers a survey of twentieth-century American women writers including Eudora Welty, Flannery O'Connor, Kate Chopin, Carson McCullers, Alice Walker, Zora Neale Hurston and such contemporary writers as Shirley Ann Grace and Elizabeth Spencer.

ENG 5233 American Novel I
The course will cover the development of the American novel from its' beginnings in the late 18th Century through the romantic, realist, and naturalist periods.

ENG 5243 Chaucer
This one-semester course on the Canterbury Tales and Troilus and Criseyde presents Chaucer's text in Middle English, but students are allowed to use a translation as an aid to understanding his language.

ENG 5253 American Novel II
This one-semester course on the evolution of the American novel from 1900 to World War II examines a range of literary styles and analyzes the characteristics of realism, naturalism, and modernism in a representative sampling of important texts.

ENG 5273 American Fiction Since WW II
This one-semester course in the development of postmodern American fiction begins with two prewar novels and contrasts later, radical texts with more conservative ones, charting the major characteristics of postwar fiction and setting it within the historical and aesthetic context of American literature.

ENG 5283 English Grammar And Usage
This one semester course provides a detailed scholarly analysis of contemporary English. Although the approach is descriptive rather than prescriptive, a distinction is made between formal and informal usage. Textbook analysis are supplemented by workbook exercises and readings in scholarly journals.

ENG 5313 Cinema Of The Seventies
This course examines the development of American cinema during the 1970s, including unique themes of the environment and temporary writers as Shirley Ann Grace and Elizabeth Spencer. Carson McCullers, Alice Walker, Zora Neale Hurston and such contemporary writers including Eudora Welty, Flannery O'Connor, Kate Chopin, Carson McCullers, Alice Walker, Zora Neale Hurston and such contemporary writers as Shirley Ann Grace and Elizabeth Spencer.

ENG 5323 History English Language
The course examines the origins and historical development of the English language, including vocabulary, phonology, syntax, orthography, and morphology throughout the three main periods of development - Old English, Middle English, and Modern English. Students in this class will consider the time periods, explore the major influences on and characteristics of the language in each period, and study how the language influenced, was influenced by, and is reflected in the literature of each period.

ENG 5333 Teaching Shakespeare
This is a course in the methods of teaching Shakespeare. In-depth study of four plays, including the study of literary criticism pertinent to each play, is combined with pedagogical theory and practice. The "performance method" of teaching Shakespeare, defined by Michael Tolaydo and the Folger Teaching Shakespeare Institute, is given special consideration.

ENG 5343 Linguistics
The course is a comprehensive study of the English language from sounds (phonetics and phonology) to words (morphology) to structure (syntax) to meaning (semantics). The course also examines some social aspects of language (especially dialectology) as well as some applications of linguistic theory to other fields.
Graduate Course Descriptions

ENG 5353  Issues In Linguistics
This course offers an intensive study of a specific topic within the discipline of linguistics. Content will vary within the limits of discipline.

ENG 5363  Theories Of Film History
This course examines various philosophies of history and current theoretical approaches to historical and cultural study as well as exploring questions of aesthetics, economics, social practice, and cultural history. In addition, the work of several generations of film historians is surveyed.

ENG 5373  Methods Of Film Research
This course will introduce students to the fundamentals of advanced scholarly research in film studies, providing the professional skills essential for researching the critical and cultural history of the cinema.

ENG 5383  Modern American Poetry
This one-semester course surveys the major figures in Modernist American Poetry, including Frost, Pound, Stevens, and Williams. The seminar examines the prose criticism of these writers as well as their poetry, and assesses their contributions to the development of twentieth-century literary theory.

ENG 5413  TESL Grammar
The course will allow graduate students to study the practical application of grammatical theories in English as a Second Language (ESL) instruction through both primary and secondary research.

ENG 5423  A Literary Study Of The Bible
This course offers a study of the Bible as literature and provides an overview of current historical, anthropological, archetypal, and linguistic approaches to the study of the Bible. Students in this course study the forms of the biblical texts, as well as the development of these forms in a historical context. Contemporary literary criticism of the Bible is an integral part of the study of the biblical texts.

ENG 5433  Classical Hollywood Cinema
This course offers students an advanced understanding of the aesthetic and industrial practices that have defined the classical Hollywood cinema.

ENG 5463  American Indian Literature
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.

ENG 5473  Advanced Composition
This course presents the principles of effective writing and affords students the opportunity to apply these principles through extensive writing practice.

ENG 5483  Milton: Poetry And Prose
This course examines the major poems and selected minor poetry and prose of John Milton, the great Seventeenth Century poet, puritan and revolutionary. Through close critical readings of Milton's work, the class will examine such Miltonic themes as loss, guilt, patience, choice, trial, free will, the relationship between men and women and their relationship with God. The class will study the literary genres which Milton adopts and adapts (epic, tragedy, pastoral, masque, etc.), and the poetics, aesthetics, and ethics which inform his work. The course will analyze Milton in his various roles of farsighted politician, profound theologian, and visionary poet.

ENG 5503  16th Century British Literature
The course provides a survey of sixteenth century British prose, poetry, and drama. It will provide an extensive examination of writers and literary forms arising during Britain's 16th Century, each of which demonstrates continuing literary and historical importance to literature in English.

ENG 5513  Literary Works Of C.S. Lewis
This course will provide comprehensive coverage of the literary works of C. S. Lewis and a brief look at related criticism. The course will include literary interpretation, genres, motifs, literary devices, and themes of the works.

ENG 5523  Major Figures & Movements
This course offers an intensive study of specific authors literary movements. Special attention will be paid to the literary, historical, and critical contexts of the authors or movements selected for study. Content will vary within the department's field of study.

ENG 5533  Teaching Methods For Teaching Assistants
This course provides teaching assistants with the training necessary to teach first year composition. Students will focus on the pedagogical concerns involved in teaching the writing process and will come to understand the effects that professional attitude, grading procedures, conferring with students, and the use of technology have on the objectives of the class as a whole. Prerequisite(s): Students must be accepted into the Teaching Assistant program. Written permission required.

ENG 5553  History Rhetoric To 1700
This course surveys the history of rhetoric in western Europe from the fifth century B.C. through the seventeenth century. The first half of the course covers the major theories and pedagogics of classical rhetoric, from Homer through Quintilian, and the second half covers rhetoric in the Middle Ages and the Renaissance.

ENG 5563  Modern British Poetry
This one-semester course examining the works of the major British poets from before World War I to the contemporary era.

ENG 5573  British Novel Since WW II
This course examines the major British novelists and their work from approximately 1940 to 1990, focusing on "post-modernism" as a major literary movement in England following World War II.

ENG 5583  17th Century British Literature
This course surveys British literature of the seventeenth century, focusing on, among others, the prose writers Browne, Burton, Donne, and Walton, novelists Defoe and Behn, and the poets Donne, Herbert, Marvell, Vaughan, and Traherne. Prerequisite(s): 6 hours grammar and composition.

ENG 5613  18th Century Poetry: Pope To Cowper
This course offers an in-depth survey of the works of the major poets of 18th-Century Britain, including Alexander Pope, Thomas Gray, Anna Laetitia Barbauld, and William Cowper. This course also provides an overview of the major genres and thematic concerns of the 18th-Century British Poetry and traces the development of British cultural attitudes and esthetic sensibilities from the Augustan age to the beginning of the Romantic Period.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 5623</td>
<td>Shakespeare Tragedies</td>
<td>This one-semester course offers an in-depth study of a selection of Shakespeare’s tragedies.</td>
</tr>
<tr>
<td>ENG 5633</td>
<td>Old English Literature</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5643</td>
<td>Classic Young Adult Literature</td>
<td>This course will explore literature written specifically for or taught to an adolescent audience and will focus on texts written before 1980.</td>
</tr>
<tr>
<td>ENG 5653</td>
<td>History Rhetoric Since 1700</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5663</td>
<td>The Beat Movement</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5673</td>
<td>Contemporary Young Adult Literature</td>
<td>This course explores literature written specifically for or taught to an adolescent audience and will focus on texts written after 1980.</td>
</tr>
<tr>
<td>ENG 5693</td>
<td>Films of Akira Kurosawa</td>
<td>This course explores the works of Akira Kurosawa by examining his life, his films, and the impact of his greatest works on the world cinema. Prerequisite(s): Graduate standing</td>
</tr>
<tr>
<td>ENG 5703</td>
<td>Kung Fu Films &amp; Literature</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5713</td>
<td>19th Century American Women Writers</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5723</td>
<td>Composition Pedagogies</td>
<td>This class examines practical strategies for helping students improve their composition skills by exploring established and emerging pedagogies.</td>
</tr>
<tr>
<td>ENG 5733</td>
<td>TESL Pedagogy</td>
<td>Future teachers of English as a second language (TESL) examine how creativity and research can help develop effective games and simulations for pedagogical purposes. First, students investigate methodologies for creating language games and simulations for the classroom. Second, they develop that knowledge into computer assisted language exercises. Finally, students will present their research and scholarly projects in a class symposium. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ENG 5753</td>
<td>Issues In Rhetoric</td>
<td>This course offers an intensive study of a specific topic within the canon of rhetoric. Content will vary within the limits of the discipline.</td>
</tr>
<tr>
<td>ENG 5763</td>
<td>American Literature 1800-1865</td>
<td>This course is a comprehensive study of the “flowering of American literature” from the beginning of the 19th century to the close of the Civil War. Special consideration is given to many important forms other than novel, such as poetry, short fiction, and nonfiction prose.</td>
</tr>
<tr>
<td>ENG 5773</td>
<td>American Literature 1865-1900</td>
<td>This course is a comprehensive study of American literature from the close of the Civil War to the beginning of the 20th century. Special consideration is given to many important forms other than the novel, particularly the short fiction of the writers of regionalism, realism and naturalism.</td>
</tr>
<tr>
<td>ENG 5783</td>
<td>Composition Theory &amp; Research</td>
<td>This course provides an in-depth study of the scope of composition theory, the methods of composition research, and the work of individual theorists.</td>
</tr>
<tr>
<td>ENG 5823</td>
<td>Ethnic American Literature</td>
<td>This one-semester course focuses on the literature of African-Americans, Asian-Americans, Hispanic Americans, American Indians, and European Americans.</td>
</tr>
<tr>
<td>ENG 5833</td>
<td>Cyberpunk Film And Literature</td>
<td>In this course, students will explore the visual and literary sub-genre of cyberpunk science fiction. Students will define the genre according to the themes of the invasion of the mind, the ontology of cyborgs, and the paranoia of oppressive politics. Students will also assess the value this genre has in postmodern world fiction. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ENG 5843</td>
<td>Teaching Secondary English</td>
<td>This course is methodology course which links educational philosophy or theory to the formulation of units, behavioral objectives, and daily lesson planning relative to teaching grammar, composition, literature in the secondary schools. Prerequisite(s): Bachelor in Education or admitted to a certification program with graduate standing.</td>
</tr>
<tr>
<td>ENG 5853</td>
<td>Shakespeare Comedies</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5863</td>
<td>Shakespeare’s History Plays</td>
<td>This course provides extensive research into the plays and background of the early Kings of England through literary analysis.</td>
</tr>
<tr>
<td>ENG 5883</td>
<td>Asian American Literature</td>
<td>In this course, students will analyze and evaluate the contributions that Asian Americans made to American literature. Students will discuss the perceptions Euro-Americans have towards individual Asian cultures due to historical events and how that affected the way Asian Americans were treated and how they recorded this treatment in the literature. Prerequisite(s): Graduate standing.</td>
</tr>
<tr>
<td>ENG 5891</td>
<td>Comprehensive Examination</td>
<td>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.</td>
</tr>
<tr>
<td>ENG 5900</td>
<td>Practicum In English</td>
<td>Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.</td>
</tr>
</tbody>
</table>
Graduate Course Descriptions

ENG 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

ENG 5930  Individual Study In English
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans; conferences, oral and written reports.

ENG 5950  Internship In English
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

ENG 5960  Institute In English
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

ENG 5970  Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

ENG 5990  Thesis In English
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

ENGINEERING (ENGR)
Department of 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 5083  Electromagnetic Fields II
This course presents the application of Maxwell's equations to time-varying electromagnetic fields, electromagnetic waves, radiation, diffraction, the electromagnetic theory of light, and antenna design. Prerequisite(s): ENGR 3183.

ENGR 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 5633  Solid State Devices
The physical principles of operation of the p-n junction, metal semiconductor contact, bipolar junction transistor, MOS capacitor, MOS and junction field-effect transistors, and related electro-optical devices are presented. First-order device models reflecting the underlying physical principles are developed. Prerequisite(s): PHY 3103 and ENGR 3183 or permission of instructor.

ENGR 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

FACS 5000  Workshop
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master's degree.

FACS 5112  Home Management
The study of effective management concerning values and goals as reflected in decision-making about personal and family resources.

FACS 5123  Professional Issues
This course is planned to assist the student in identifying professional and personal competencies needed in emerging home economic areas. Opportunities for exploring and assessing self interests and abilities as well as the identification of competencies needed for professional level employment in a specialized area will be encouraged and required.

FACS 5133  Methods Of Teaching
Problems and methods of teaching home economics. Prerequisite(s): Admission to teacher education.

FACS 5173  Program Development
This class is designed to provide home economics education majors with knowledge and skills needed for developing a vocational and general home economics program.

FACS 5572  Career Education
This course is designed to provide the student with understanding of themselves relative to careers with special emphasis on the breadth of the field.

FACS 5900  Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.
FACS 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and permission of graduate advisor.

FACS 5930  Individual Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area and permission of graduate advisor.

FACS 5950  Internship
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

FACS 5960  Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

FACS 5970  Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

FACS 5990  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

FIN 5423  Employee Benefit Planning
A study of the problems of protecting employees’ financial security by extending the 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.

FIN 5413  Financial Analysis w/Computer
The use of computers and information technology is examined in relation to financial topics. Topics include, but are not limited to, financial statements, cash budgets, corporate performance evaluation, financial forecasting, breakeven and leverage analysis, asset valuation, rates of return, the cost of capital, capital budgeting, investment applications, logical and financial functions, and graphs. Prerequisite(s): Completed all prerequisites for the MBA Program.

FIN 5243  Money and Capital Markets
A study of the money and capital market segments of the U.S. Financial System. Emphasis is placed on the importance and role of various interest rates for lending and investment in the economy, their determination, and their measurement. The course also includes discussion of current readings, case analysis, and problem solving relating to the management of financial institutions. Prerequisite(s): Completed all prerequisites for the MBA Program.

FIN 5253  Capital Budgeting
A theory and tools course that emphasizes the economic analysis of the firm’s long-term investment opportunities. Pacific emphasis is placed on determining the optimal capital budgeting techniques and processes. Extensive attention is given to the problem of explicitly incorporating risk into the analysis and to the problem of modifying decision rules when there are constraints on budget size. Prerequisite(s): FIN 5333.

FIN 5333  Fin Adm & Control
Methods and problems involved in the financial management of the business firm. Special attention is given to planning for, obtaining, controlling, and allocation of funds. Prerequisite(s): Completed all prerequisites for the MBA Program.

FIN 5353  Derivative Securities
A study of various derivative securities traded in current financial markets. The course introduces the characteristics and pricing of various derivatives (e.g., put options, call options, forward contracts, futures contracts, and swaps) and demonstrates their use in investing and portfolio management. The course includes lectures, case discussions, computer analysis, and contemporary readings. Prerequisite(s): FIN 5333.

FIN 5203  Contemporary Problems In Finance
A readings and case course designed to increase the practical realism of the problems faced by financial managers in the modern business world. The course provides an environment that enhances the student’s understanding of textbook issues and current business problems by requiring article reviews, case analyses, report writing, oral presentations, and participatory discussions of contemporary issues in business, economics and finance. Prerequisite(s): Completed all prerequisites for the MBA Program.

FIN 5223  International Finance
A study of the financial problems of the multinational business firm. The course includes lectures, case discussions, and contemporary readings to extend both modern and traditional theories of financial management to the area of international business operations. Prerequisite(s): FIN 5333.

FIN 5233  Investment Analysis
A study of the various approaches to the selection and timing of investment opportunities for the individual and for the business firm. The course includes a review of traditional and modern theories of investment strategy and portfolio analysis. Case discussions, problem solving and contemporary readings are utilized. Prerequisite(s): FIN 5333.
Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Department of Human Environmental Science</th>
</tr>
</thead>
<tbody>
<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>
</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>
</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>
</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>
</tr>
</tbody>
</table>

FOREIGN LANGUAGE (FLGN)

Department of Modern Languages, Literature & Cultural Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Department of Human Environmental Science</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 “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.</td>
</tr>
<tr>
<td>FLGN 5103</td>
<td>Literature Of French/Hispanic 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. Prerequisite(s): 17 hours in major (French, Spanish or others) and permission of the instructor.</td>
</tr>
<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 from within the department’s field of study.</td>
</tr>
<tr>
<td>FLGN 5920</td>
<td>Directed Reading</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>Individual 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 & CHILD DEVELOPMENT (FMCD)

Department of Human Environmental Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Department of Human Environmental Science</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 “P” or “F” 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. Develop. in Family/Child Development</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 Family &amp; Child 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 5051</td>
<td>Family &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/Issues In Family/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 Devel. Child/Family Studies</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 5422</td>
<td>Linking Family &amp; Community</td>
<td>This course is a study of programs in the community that offer support, education, assistance, assessment and intervention to families. This course will research program’s mission and goals and effective means of program development, delivery and evaluation. Program methodology and evaluation will be examined. Prerequisite(s): Enrollment open to Family and Child Studies majors only.</td>
</tr>
<tr>
<td>FMCD 5511</td>
<td>Professional Development In Family/Child Development</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>
</tbody>
</table>
FMCD 5523 Family Law And Public Policy
This course is a general survey of government programs and policies that impact on the family. Topics to be covered include child care, aging, legal aspects of family life, mental health, generational equity, family violence, income maintenance, and family impact analysis. Students will be encouraged to critique past and current policies as well as develop a research policy agenda for the future.

FMCD 5542 Leadership Principles & Advocacy
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.

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 Individual Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area and permission of graduate advisor.

FMCD 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.

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 these 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 Individual Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area and permission of graduate advisor.

FMKT 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 Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FNRL 5950 Internship In Funeral Service
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

FNRL 5960 Institute In Funeral Service
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.
Graduate Course Descriptions

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 Culture & Civilization
Prerequisite(s): 18 hours of French.

FRCH 5223  Advanced French Grammar
Prerequisite(s): Eighteen hours of French.

FRCH 5303  Francophone Literatures
This course focuses on the historical and aesthetic evolution of one or more of the literatures of Quebec, the Maghreb, Francophone West Africa, and/or the Caribbean. Prerequisite(s): 17 hours of French.

FRCH 5900  Practicum In French
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FRCH 5910  Seminar / Special Topics
Prerequisite(s): 5202, or concurrent enrollment in FRSC 5202 is required.

FRCH 5920  Seminar / Special Topics
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. May be repeated for credit up to four hours with change in content.

FRCH 5930  Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. May be repeated for credit up to four hours with change in content.

FRCH 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. Prerequisite(s): 18 hours of French.

FRCH 5960  Institute In French
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. May be repeated for credit up to 4 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 5043  Practice Of Crime Scene Processing
This course will incorporate the history, theory, and practice of crime scene technical investigations. Topics will include scene assessment, evidence collection and preservation, and proper documentation via notes, sketches, photos, and computer software programs. Lectures will be accompanied by practical exercises and evaluation of mock crime scenes. Prerequisites(s): One biology course with lab, 1 chemistry course with lab, and permission of Program Director.

FRSC 5102  Physical Aspects Forensic Science
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.

FRSC 5112  Physical Aspects Forensic Science 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 3454, or concurrent enrollment; and FRSC 5102 or concurrent enrollment.

FRSC 5143  Crime Scene Investigation/Reconstruction
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. Prerequisite(s): FRSC 5043, FRSC 5313, and FRSC 5413; or permission of Program Director.

FRSC 5202  Biological Aspects Forensic Science
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, one semester of college chemistry with lab, and graduate standing.

FRSC 5212  Biological Aspects Forensic Science 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 3442, FRSC 5202, or 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 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 Biology & 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 5043.

FRSC 5423  Bloodstain Pattern Analysis II
This is the second course in the study of bloodstain pattern analysis. The course provides a comprehensive review of this highly specialized crime scene reconstruction tool. Students will utilize current literature, case studies, laboratory experiments and computer simulation to gain experience in using bloodstain patterns in reconstructing crime scenes. Emphasis is given to the mathematical formulas and calculations involving trigonometry and physics. Emphasis is also given to preparing students to become qualified as expert witnesses for court testimony. Prerequisite(s): FRSC 5413.

FRSC 5443  Forensic Arson Investigation
This is a comprehensive course on fire investigation emphasizing the use of specialized forensic techniques for the identification of causes of fires. Major topics included in this course are the chemistry of fire, how to diagram the fire scene, common types of building construction and the effects of construction on how structures burn. Proper collection of physical evidence, documentation, analysis and preservation as related to fire investigations will be emphasized. Prerequisite(s): FRSC 5102.

FRSC 5900  Practicum In Forensic Science
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FRSC 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

FRSC 5930  Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.

FRSC 5950  Internship In Forensic Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

FRSC 5960  Institute In Forensic Science
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Prerequisite(s): Permission of instructor.

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.

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  Individual 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.
Graduate Course Descriptions

**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 speakers, 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 U.S.**
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  Geographical Info. Systems For K-12 Educator**
This course introduces geographic information systems as tools for illustrating geographic concepts in K-12 education. The primary focus is on theoretical and practical knowledge of GIS software, as well as on applying that knowledge to standards-based education models.

**GEO 5900  Practicum In Geography**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

**GEO 5910  Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

**GEO 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.

**GERM (GERM)**
Department of Modern Languages, Literature & Cultural Studies

**GERM 5000  Workshop In German**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

**GERM 5203  German Culture & Civilization**
Prerequisite(s): Eighteen hours of German.

**GERM 5223  Advanced German Grammar**
Prerequisite(s): Eighteen hours of German.

**GERM 5313  Joh W Von Goethe**
Goethe (1749-1832) shaped the German language and the German cultural landscape like no other author. Students will read several of Goethe's works and analyze them in the context of seminar discussions, exams and a paper. An essential component of this course is the interrogation of the concept 'authorship' in light of the many different Goethean artifacts that are not merely "literary". Prerequisite(s): 17 hours of German course work.

**GERM 5900  Practicum In German**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

**GERM 5910  Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of German, and permission of instructor.

**GERM 5930  Individual Study In German**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of German, and permission of instructor.

**GERM 5950  Internship In German**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**GERM 5960  Institute In German**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**GERM 5970  Study Tour**
Credit will vary. Subject matter will vary within the department’s field of study.

**GERM 5990  Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**GERONTOLOGY (GERO)**
Department of 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  Health & Social Svcs 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.

GERO 5920 Directed Reading
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GERO 5930 Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GERO 5950 Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

GERO 5960 Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

GERO 5970 Study Tour
Credit will vary from 1 to 2 hours. Subject matter will vary within the department's field of study.

GERO 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

GUIDANCE (GUID)
Department of Advanced Professional Services

GUID 5000 Workshop In Guidance
Credit will vary from 1 to 4 hours; subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master's degree.

GUID 5013 Principles Of Guidance And Counseling
Principles, functions and practices basic to guidance on both elementary and secondary levels, professional, ethical and legal responsibilities; historical development and current trends and issues. This course includes the characteristics of successful counselors and the development of basic helping skills.

GUID 5113 Theories/Tech. Grp. Schl Counseling
Introduction to the dynamics of groups by utilizing counseling theories and group techniques. Emphasis is placed on group process in the school setting; evaluation of group dynamics, observation, participation and conducting group counseling activities. Prerequisite(s): GUID 5163.

GUID 5133 Multicultural Counseling
A study of the use of counseling theories and techniques in pluralistic school settings. Emphasis will be placed on changes in human roles, discrimination on the basis of human characteristics, and concerns of subgroups. Skills such as conflict resolution and helping skills will be applied. Prerequisite(s): GUID 5163.

GUID 5153 Counseling Intervention Strategies
A study of the theoretical and practical aspects of helping children and adolescents cope with major life stressors common to this age group in contemporary society. Specific needs to be covered include divorce, drugs and alcohol, depression, stress, abuse, and others. Issues related to counseling minorities will be covered. Prerequisite(s): GUID 5163.

GUID 5163 Theories/Tech. Individ./School Counseling
Introduction to individual counseling theory and school counseling techniques. Emphasis is placed on major counseling theories, their underlying philosophy, assumptions and techniques. Their strengths and weaknesses with an application in the school setting. Prerequisite(s): GUID 5141 or concurrent enrollment.

GUID 5172 Capstone Experience School Counseling
An integration of the components included in the knowledge base under-girding school guidance and counseling with emphasis on preparation for professional examinations for national and state certification and licensure. Prerequisite(s): GUID 5903.

GUID 5193 Abnormal Psychology Sch Person
A survey of the normal/abnormal continuum of behaviors with emphasis on behaviors that can and cannot be accommodated within institutional teaching/counseling programs. This includes a broad study of the major classifications of psychopathology as well as the etiology, progress and treatment of the disorder, as viewed from the major paradigms.
Graduate Course Descriptions

GUID 5213  The Counselor As Consultant
Theory and practice as a consultant in school, family, and community settings.

GUID 5253  Developmental Guidance
Study of the design and management of a comprehensive developmental guidance program. Emphasis on the planning and implementation of a guidance curriculum appropriate for needs of all students. Prerequisite(s): GUID 5012 and PTE 5203.

GUID 5333  Individual Test Interpretation
A survey of individual tests, utilizing case studies and other appropriate techniques. Designed to enable school counselors and other service personnel to interpret and utilize the results of individual tests. Prerequisite(s): PTE 5383.

GUID 5343  Counseling Children/Adolescent
This course covers the process and interventions in counseling children and adolescents. Different models of play and activity therapy will be examined. Specific developmental issues will be examined along with how these issues can be addressed via the media of play and through therapeutic games and activities. This course includes clinical observation and discussion of the observed cases. Prerequisite(s): GUID 5153, 5163 or concurrent enrollment.

GUID 5443  Career Guidance
An introduction to the theories of career development, use and interpretation of career inventory data and identification and use of community resources and materials appropriate for use in a guidance program. Prerequisite(s): GUID 5013 or concurrent enrollment.

GUID 5652  Developing Guidance Elementary School
A study of the typical needs common to the age groups found in elementary schools. There will be demonstrations of small and large group activities to provide for the optimal development of all elementary students. Topics will include coping skills, problem solving, social skills training, stress management, family relationships and others.

GUID 5900  Practicum In Guidance
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GUID 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

GUID 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  American Diplomatic History—20th Century
A history of American foreign policy from the end of the Spanish-American war to the present. Key topics of the course include: U.S. intervention in Latin America, World War I, World War II, the Cold War, Korea and Vietnam.

HIST 5133  History of Latin America
This course examines selected problems in Latin American history from the fifteenth century to the present. Prerequisite(s): Graduate standing.
HIST 5203 American Diplomatic History To 1900
A history of American Foreign Policy from Independence through the Spanish-American war. Key themes of the course are American expansion and America's rise to power.

HIST 5213 Introduction To Historic Preservation
An introduction to the basic components of the field of historic preservation/conservation, including a brief history of American architecture and the preservation/conservation movement; preservation law; 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. Articular emphasis is given to the various ethnic groups that have produced much of the essence of the region. Prerequisite(s): Six hours of American history and permission of instructor.

HIST 5303 Weimar And Nazi Germany
An in-depth study of the rise of national socialism during the Weimar republic, the consolidation of power by Hitler, and Germany during WWII.

HIST 5313 U.S. Military History to 1917
This course provides an overview of the military's role in American development from English colonization through the emergence of the United States as a world power. More than just a survey of battles and leaders, this course will examine the interrelationship between the armed forces and society in both peace and war, as well as the impact of intellectual and technological change.

HIST 5323 U.S. Military Hist Since 1900
American development from the aftermath of the Spanish through the present. More than just a survey of battles and leaders. This course will examine the interrelationship between the armed forces and society in both peace and war, as well as the impact of intellectual and technological change.

HIST 5333 Russian History to 1917
Students in Russian history to 1917 study Russian history from 882 to the Bolshevik revolution of 1917, paying particular attention to ancient Kiev, medieval Muscovy, westernization in the 18th century, and the emergence of revolutionary movements in the 19th century.

HIST 5343 Russian History Since 1917
Students in Russian history since 1917 study Russian history from 1917 to the present, paying particular attention to the Bolshevik revolution, the Nep era, Stalin's "Revolution from Above," the Gorbachev era, and post-soviet problems of transition to western political and economic models.

HIST 5353 Women's History: International
This course requires students to discuss, analyze and write about continuities and changes, from the nineteenth century onwards, in the "social organization of gender differences" particularly as this framework applies to women in five possible geo-political regions: Southwest Asia, Asia, South Asia, Africa, and Latin America.

HIST 5403 Indians Of The Southwest
A study of the social, cultural and intellectual history of the Indians of the American Southwest from prehistoric times to the present.

HIST 5413 American Indian Women
This course examines the varied historical experiences of American Indian women. It provides a chronological framework through which to examine more than four centuries of encounter, resistance, accommodation and change. Themes include: origins and cultural development; the impact of European contact; assimilation, acculturation, adaptation; U.S. federal Indian policies; boarding school experiences; American Indian arts and crafts; the Southwest tourism industry; Native women's resistance and activism. Prerequisite(s): HIST 1483 or 1493.

HIST 5423 Women In The American West
This course examines women in the American West from the early 1800s to the 1980s. Through the study of individual women's lives and texts as well as historians' interpretations of women's experiences, this course traces regional identity, mobility and cultural representations in an effort to understand how women shaped the American West. Prerequisite(s): HIST 1483 or 1493.

HIST 5433 American Colonial Period, 1492-1763
From the discovery of America to the Treaty of Paris in 1763.

HIST 5443 Amer. Revol. & Early Nationalism, 1763-1815
This course covers American History from the end of the French and Indian War in 1763 until 1815. This course and HIST 5553 replaces HIST 5533.

HIST 5502 Critical & Analytical Study Of History
A study of the discipline of history; its evolution, interpretation, and major historians.

HIST 5513 - History Of Mexico
The history of Mexico from the Aztec civilization until modern times. Emphasis is placed on the Aztecs, the conquest by Cortez, society under Spanish independence, the Mexican Revolution, and post-revolutionary Mexico.

HIST 5523 Museum Management
This course provides a comprehensive introduction to museum organization, law, ethics; contemporary museum issues; collections management procedures and policies; collections preservation.

HIST 5543 Black Experience In American West
An examination of the black experience in the Trans-Mississippi from the sixteenth century to the late 20th century. Special attention is devoted to the contributions of black people to the development of American culture as cowboys, farmers, laborers, and soldiers.

HIST 5553 Jacksonian America, 1815-1848
This course covers American History from 1815 until 1848, with emphasis on Jacksonian democracy, sectionalism, and manifest destiny. This course and Hist 5443 replaces 5533.

HIST 5563 Civil War And Reconstruction
The history of the United States from the beginning of the Civil War in 1860 to the end of Reconstruction in 1877.

HIST 5603 Gilded Age/Progressive Era, 1876-1919
A detailed study of American history from the Hayes-Tilden election to intervention into World War I.

HIST 5613 Americans In World War II
Emphasis is placed on the diplomatic background, the major battles in both the European and Pacific theaters, the home fronts, and the defeat of Germany and Japan.

HIST 5623 Museum Theory And Practice
This course focuses on the interpretation of material culture, including research and exhibit planning and evaluation; contemporary issues in museum interpretation; museum education and the public dimension of museums.
Graduate Course Descriptions

HIST 5633  History of U.S., 1919-1945  
This course is a detailed study of American history from World War I to end of World War II.

HIST 5643  Anth. Societies/Global Perspective  
This course offers a global perspective for the anthropological and historical study of social and cultural organization, social change, and the development of the modern world system.

HIST 5663  French Revolution And Napoleon  
The origin of the French Revolution, the turbulent revolutionary years between 1789 and 1795, the rise of Napoleon, and Europe during the Napoleonic Era.

HIST 5673  The Old West  
The American frontier from the founding of the North American colonies to the Louisiana Purchase with emphasis on the social and political problems of the early westward movement.

HIST 5683  Victorian Great Britain  
The scope of this course embraces the long and eventful reign of Queen Victoria (1837-1901) and includes but is not limited to such topics as institutions, politics, religion, the working-class movement, and the extensive expansion of the British Empire, and with bibliographical emphasis on the same.

HIST 5713  Modern Middle East  
Peoples and geography; rise and features of Islam; classic Islamic civilizations; Arab and Turkish empires; Palestinian question; Nasserism, 20th century states.

HIST 5723  The Trans-Mississippi West  
The American frontier from the Louisiana Purchase to the beginning of the twentieth century with emphasis on the economic, political and social adjustments and society in an arid region.

HIST 5743  Modern China And Japan  
History of these major Asian powers since 1600 with emphasis on their cultures, the impact of the West, the industrialization of Japan and the revolutionary process in China.

HIST 5753  African American Experience to 1900  
In this course students will study in some detail the African and Latin American/Caribbean roots of the African-American heritage, then proceed to analyzing the first 280 years of the African-American experience in English North America. Considerable time will then be devoted to examining the historical record of this experience through, slavery, emancipation/abolition and the early years of freedom to the nadir of the pre-Progressive Era struggles for equality. Prerequisite(s): Graduate level standing. Admission to a Graduate Program.

HIST 5763  African American Experience since 1900  
In this course students will study in some detail the African American Experience from the nadir of the dreams of liberation as the Victorian Era came to an end and the so-called Progressive Era began down to current liberationist struggles and debates. Considerable time will then be devoted to examining the historical record of this experience through the lynching and Ku Klux Klan craze of the Jim Crow era, through the African American sacrifices made during World War I, the Great Depression, World War II, the Civil Rights and Black Power movements, into the continuing debates about the meaning of Black liberation and how to achieve it. Prerequisite(s): Graduate level standing. Admission to a Graduate Program.

HIST 5773  Modern German History  
The unification struggle arising out of the French Revolution, the development of the German state and society, the Weimar Republic, and the Nazi dictatorship.

HIST 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  Sociological/Cultural History of U.S. To 1865  
A study of the social, cultural and intellectual life of the United States from colonial times to the Civil War.

HIST 5833  Sociol./Cultural Hist. of U.S. Since 1865  
A study of the social and cultural history of the United States from the Civil War to the present.

HIST 5843  Major Interpretations of American History  
A study of new and old interpretations of major events in American history from the colonial period to the present, specially designed for students working toward teacher education certification in American history.

HIST 5863  History Of Modern Southeast Asia  
Traditional cultures and religions; impact of western colonialism; nationalist movements and formation of nations; development of representative governments; and contemporary roles in international relations.

HIST 5873  History Of U.S., 1945 To Present  
This course is an advanced study of the political, economic, social and cultural evolution of the United States from the end of World War II to the present. Special emphasis is given to the expanded role of the United States in world affairs.

HIST 5883  The Reformation, 1500-1648  
A detailed study of the religious upheaval of the sixteenth century, including its background and causes, an examination of the spread of Protestantism in northern Europe, the religious wars in France, the Catholic Reformation, and the Thirty Year War.

HIST 5893  Europe, 1871-1919  
Grandeur and features of late nineteenth century Europe; development of capitalism and growth of the working-class movement; origins and course of World War I; the Versailles peace settlements.

HIST 5900  Practicum In History  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

HIST 5910  Seminar / Special Topics  
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

HIST 5920  Directed Reading In History  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

HIST 5930  Individual Study In History  
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

HIST 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 5950 Internship In Museum Studies
Supervised practical experience gained in a professional field.

HIST 5960 Institute In History
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

HIST 5970 Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

HIST 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

HEALTH (HLTH)
Department of Kinesiology and Health Studies

HLTH 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 Organiz. & Admin. of Community Health
A study of the organization and administration of community health programs with emphasis on organization and presentation of materials, concept formations, relationships to public educational and educational law, implementation and coordination with other agencies.

HLTH 5223 Contemporary Issues In Health & Wellness
This course involves investigation of selected contemporary controversial problems, or issues, related to the fields of Health and Kinesiology. Contemporary issues related to these fields are dynamic and change over time. Specific issues (i.e. bioterrorism) addressed in the course will largely be determined by the historical appropriateness and current attention placed on the topics. While attention is given to increasing awareness of contemporary issues, course emphasis will focus on rational development and evaluation of viewpoints on these issues.

HLTH 5313 Wellness Intervention Strategies & Skills
This course will provide students with an understanding of the process involved in planning health interventions in health education and health promotion environments. Practical applications of the needs assessment process, program development and implementation will be executed including the skills, theory and practice involved in assisting clients to develop health related life skills. Prerequisite(s): Graduate standing.

HLTH 5422 Grant Writing In Health And Wellness
This course provides knowledge and application of the grant writing process with specific focus on the health and wellness fields. This will include the development of skills required for Request for Proposals, writing, budgeting and submission of grants. The course will provide examples of sources to obtain grants and the differences that exist among different granting agencies.

HLTH 5900 Practicum In Health
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

HLTH 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

HLTH 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 Individual 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.

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.
Graduate Course Descriptions

INSTRUCTIONAL MEDIA (IME)
Department of Advanced Professional Services

IME 5000 Workshop
Credit will vary from 1 to 2 hours; subject matter will vary within
the department’s field of study. Normally involves lecture, films,
guest speaker, etc. A grade of "P" or "F" is given. No more than
2 hours of workshop may be counted on a master’s degree.

IME 5013 Library Materials For Secondary Schools
This course examines qualitative historical and contemporary
resources for young adult media center collections and presents
meia 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 fac-
tors, 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 IME 5023 which re-
placed LME 5022.

IME 5042 Microcomputers In Classrooms/Media Centers
A study of the appropriate utilization of microcomputers in class-
rooms and media center. Major emphasis is placed upon selection
and evaluation of instructional software, making use of available
bibliographic resources.

IME 5053 School Library Administration & 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 facili-
ties, 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 equip-
ment required for multimedia production. It focuses on technol-
ogy 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 Technology Foundations
The course covers the field of instructional technology, situating
the field within the context of its historical perspective, current
practices, and future directions. This is a core course in the
applied technology option. It provides an introduction to the
field and profession of instructional technology. Given that most
entering technology students come from fields other than it, LME
5143 gives newcomers a sense of history and an explanation of
how the components of the field fit together. There is a particular
emphasis on the evolution of the “big ideas” of the field.

IME 5223 Public Relations 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 pro-
ducing public relations campaigns, integrated units of information/
curriculum skills, and communications tools.

IME 5233 Library Materials For Elementary Schools
This course is designed for the prospective teacher or librarian
who requires competence in building print and non-print collect-
tions 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
for creating meaningful literature experiences and methods
fostering lifelong reading habits. Evaluation, examination,
and application of intellectual freedom, genres, themes, literary
aspects, assessment criteria, authors, illustrators, and curriculum
integration are studied.

IME 5243 Effective Writing Instructional Techniques
This course emphasizes reader-centered writing in the creation of
instructional materials by extracting, evaluating, and synthesizing
information. Students develop skills in business documents, grant
proposals, technical reports, and presentations. Styles of writing
and audiences are examined.

IME 5313 Collaborative Design/Multimedia Materials
This course focuses on the design of educational multimedia
multimedia materials. It is an applications- and research-based
experience for students who have completed introductory level
instructional technology courses and want to learn more about
the design and development of multimedia instructional packages.
The main objective of the course is to enable students to experience
working as part of a multimedia team to design an instructional
package for a client.

IME 5323 Issues In Distance Education
The course examines the technologies and issues related to the
development and delivery of distance learning. Topics include
types, concepts, theories, history, components, design, and
policy-making of distance learning programs. Emphasis is on the
design and implementation of effective instructional strategies and
delivery in distance learning environments. Interaction between
the student, teacher, and administrator are stressed.

IME 5413 Managing Computer/Information Centers
This course exposes students to many of the issues encountered
in developing and directing computer and electronic information
centers. During the course, students explore such issues as hard-
ware 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  Instructional Design & Development I
This course is a study in cooperative designing of instruction. Areas covered include determining instructional objectives, planning motivational strategies, and designing multimedia learning activities.

IME 5613  Instructional Design & Development II
This course addresses an instructional design or performance problem through performance analysis (to determine if the problem requires an instructional or non-instructional solution); needs assessment (to determine of the nature and importance of problem); and needs analysis (to identify the causes of the problem and to identify solutions). The course focuses on theories, principles, and practices of analysis and assessment of needs from the perspective 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 5453 or IME 5543.

IME 5713  Eval. Change in the Instruct. Dev. Process
This advanced laboratory in instructional system design is an in-depth study of the final stages of the instructional design process. The focus is on measurement assessment, formative and summative evaluation, the educational change process as it relates to diffusing and implementing an innovative instructional project and project management. The course requires actual field experience at an existing academic or corporate site. Prerequisite(s): IME 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.

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 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
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.
Graduate Course Descriptions

ISOM 5533  Management Science
This course is designed to lead students through the fields of management science/operations research and their applications in the business world, with an emphasis on modeling. The topics covered in this course include decision theory, utility theory, forecasting, linear programming modeling, the simplex method, sensitivity analysis, the transportation and assignment models, and project management. Students are introduced to the use of computer software packages which are designed for the analysis of a wide variety of business problems. Prerequisite(s): Completed all prerequisites for the MBA Program.

ISOM 5633  Operations Management & Analysis
A study of operations management and its role in contributing to an organization’s competitive strengths along the dimensions of quality, cost, flexibility, and time. The relationship of product and service quality to productivity and costs. Conceptual issues and quantitative methods of decision making by operation management at the strategic, tactical, and operational levels. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5533.

ISOM 5733  Advanced Management Science
This course is a continuation of the management science (ISOM 5533) course. The main objectives of this course are to introduce students to more advanced theory and techniques in the fields of management science/operations research and their application in the business world. Covered topics include decision theory, queuing, simulation, goal programming, integer programming, and the implementation of management science in organizations. Prerequisite(s): Completed all prerequisites for the MBA Program and ISOM 5533.

ISOM 5900  Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ISOM 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ISOM 5920  Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

ISOM 5930  Internship
Credit may vary from 1 to 8 hours.

ISOM 5940  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 5980  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

JAPANESE (JAPN)
Department of Modern Languages, Literature & Cultural Studies

JAPN 5000  Workshop in Japanese
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

JAPN 5900  Practicum In Japanese
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

JAPN 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary from within the department’s field of study.

JAPN 5930  Individual Study In Japanese
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

JAPN 5950  Internship In Japanese
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

JAPN 5960  Institute In Japanese
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

JAPN 5970  Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

JAPN 5990  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

KINESIOLOGY (KINS)
Department of Kinesiology and Health Studies

KINS 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  Legal/Ethical Principles of Wellness Mgmt
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  Organ. Behav. & Leader. in Wellness Progs.
This course is designed to generate competence for prospective directors, managers, and administrators in wellness settings. Technical and conceptual skills of organizational behavior and leadership will be discussed and applied to wellness program scenarios and settings in agencies, industries, and hospitals; the focus will be on improving the health and well-being of persons in these settings. Prerequisite(s): Graduate standing.

KINS 5223  Technology & Media For Wellness Managers
This course provides wellness professionals with the skills to initiate, maintain, and expand technology and media into daily business. It also emphasizes obtaining resources, information, skills, and strategies through practical application. Prerequisite(s): Graduate standing.

KINS 5233  Assessment Of Health & Exercise Sciences
Assessment of Health and Exercise Sciences is designed to provide instruction in three common statistical tasks: 1) collecting data, 2) summarizing and exploring data, and 3) drawing conclusions and making decisions based on data.
KINS 5303  Diagnostic Testing & Exercise Prescription
This course is designed to enhance the student’s knowledge and application of exercise testing and exercise prescription for apparently healthy populations. Prerequisite(s): Graduate standing and 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. Exercise For Special Populations
This course is designed to increase the student’s working knowledge about special populations in the areas of physical assessment and exercise prescription. Prerequisite(s): Graduate standing and 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 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.

KINS 5413  Clinical Educ. Assessment of Athletic 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 Development & Training Methods
This course is designed to address strength development and training in the context of exercise science, sports medicine, preventive medicine, health psychology and behavioral medicine, epidemiology, nutrition, and rehabilitative medicine. The focus will be the blending of theory driven research with the practical applications of exercise prescription to specific training paradigms and that relationship to exercise adherence, maintenance, and relapse. Prerequisite(s): 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  Clinical Education 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 Athletic Training
This course will provide the knowledge and skills necessary to recognize, manage, and refer the athletes to appropriate medical specialists. Prerequisite(s): Enrollment open to Athletic Training majors only.

KINS 5523  Rehabilitation Techniques 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 5543  Clinical Educ. for Rehabilitation Techniques
This 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 5563  Pathophysiology For Athletic Trainers
This course is a study of acute and chronic illnesses and musculoskeletal disorders including the pharmacologic response during physical activity. Prerequisite(s): Enrollment open to Athletic Training majors only.

KINS 5713  Athletic Training Administration
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 Athletic Training
This course will focus on sociological and psychological aspects of physical activities on athletes. The effects of physical activity as related to differences based on cultural, ethnic, gender, and handicapping conditions will be covered. 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 major in the subject matter area and permission of 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 8 hours. Subject matter will vary within the department’s field of study.

KINS 5970  Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.
Graduate Course Descriptions

**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 a master’s degree.

**LATN 5900**  Practicum In Latin
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**LATN 5910**  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**LATN 5930**  Individual Study In Latin
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**LATN 5950**  Internship In Latin
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**LATN 5960**  Institute In Latin
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**LATN 5970**  Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

**LATN 5990**  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**LEGAL STUDIES (LS)**
Department of General Business

**LS 5910**  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics.

**LS 5930**  Individual Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports.

**LS 5950**  Internship In Legal Studies
Credit will vary from 1 to 8 hours; subject matter would vary within the department’s field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**LS 5990**  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**MEDIA ARTS (MART)**
Department of Theatre, Dance and Media Arts

**MART 5000**  Workshop In Media Arts
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.

**MART 5900**  Practicum In Media Arts
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MART 5910**  Seminar In Media Arts
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems of special topics.

**MART 5920**  Directed Reading In Media Arts
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**MART 5930**  Individual Study In Media Arts
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines of plan; conferences, oral and written reports.

**MART 5950**  Internship In Media Arts
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.

**MART 5960**  Institute In Media Arts
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**MART 5970**  Study Tour In Media Arts
Credit will vary. Subject matter will vary within the department’s field of study.

**MART 5990**  Thesis In Media Arts
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**MATHEMATICS (MATH)**
Department of Mathematics and Statistics

**MATH 5000**  Workshop In Mathematics
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.

**MATH 5103**  The Real Number System
Properties of the real number system will be developed in this course. Recommended for all graduate students in mathematics.

**MATH 5113**  Operations Research I
Topics for this course include linear programming formulation, the simplex method, duality, and Linear sensitivity analysis. Applications will include the transportation model and its variants, integer linear programming, goal programming, network models, CPM and PERT. Prerequisite(s): MATH 3143, STAT 3103 or 4113.
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 Teachers
This course is a survey of calculus in view of modern concepts and is intended for students preparing to teach advanced secondary mathematics.

MATH 5143 Advanced Calculus For Applications 1
This is the first course in a two-course sequence of differential and integral calculus. Its topics include sequences and limits of sequences, limits of single variable functions, and differentiation and integration of single variable functions. Students will be required to apply the ideas learned to individual investigations. Prerequisite(s): Math 4143.

MATH 5153 Advanced Calculus For Applications 2
This is the second course in the two-course sequence of differential and integral calculus. Its topics include infinite series of numbers, sequences and series of functions, Fourier series, vector calculus, and limits, differentiation, and multiple integration of functions of several variables. Prerequisite(s): MATH 5143.

MATH 5164 Calculus For Secondary Teachers
This course is a continuation of MATH 5134. Prerequisite(s): MATH 5134.

MATH 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 Introduction To Actuarial Science
Topics in this course include single-life mortality functions, annuities, life insurance, premiums, and reserve multiple-life functions. Prerequisite(s): STAT 4113 or 5113 or 4353 or 5353.

MATH 5413 Differential Equations
Topics in this course include partial differential equations, elliptic, hyperbolic, and parabolic equations, separation of variables, special functions, eigen function expressions, and the existence and 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 Introduction To Complex Variables
This course is an introduction to the theory of functions of a complex variable. Topics include analytic functions, complex integrals, Taylor and Laurent series, and conformal mappings. Prerequisite(s): MATH 2343.

MATH 5453 Mathematical Modeling
This course is a case study approach to mathematical modeling. Problems from a variety of problem areas and demonstrating various mathematical methodology will be discussed. Prerequisite(s): Permission of the instructor.

MATH 5503 Symbolic Logic
Topics in this course include the logic of syntax, an analysis of truth-functional compound statements, truth tables, formal and indirect proofs, propositional functions and the use of quantifiers, the logic of relations, and a study of the nature of deductive systems. Prerequisite(s): MATH 2323 and 6 hours of mathematics.

MATH 5543 Applied Group Theory
Applications of group theory to finite state machines, switching functions, and error detecting codes will be examined in this course. Other topics include sets, partially ordered sets, functions, and boolean algebras. Prerequisite(s): MATH 4583.

MATH 5563 Introduction To Graph Theory
Topics in this course include the structure of graphs, trees, connectivity, planarity, colorability of graphs, digraphs, matrices associated with a graph, and the automorphism group of a graph. Graph theoretic modeling and applications to engineering, computer science, and data structures will be emphasized. Prerequisite(s): MATH 3183 or 3143.

MATH 5843 Methods of Teaching Math. & Computer Sci.
This course examines general aspects of the teaching of mathematics and computer science at the secondary and junior college levels. Prerequisite(s): CMSC 1613 and MATH 4843.

MATH 5853 Introduction To Graduate Research
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): Enrollment open to math majors only.

MATH 5900 Practicum In Mathematics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

MATH 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study on selected problems or special topics. Prerequisite(s): Undergraduate minor in the subject matter area and permission of graduate advisor.

MATH 5930 Individual Study
Credit will vary from 1 to 8 hours. Directed intensive study on definite or special subject, based on approved outlines or plans; conference, oral and written reports. Prerequisite(s): Permission of instructor.

MATH 5950 Internship In Mathematics
Credit would vary from 1 to 8 hours. Subject matter would vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.
Graduate Course Descriptions

MATH 5960 Institute In Mathematics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

MATH 5970 Study Tour
Credit will vary. Subject matter will vary within the department's field of study.

MATH 5980 Graduate Project
A contemporary problem provided by business and industry and selected with consideration of the interests and abilities of the individual student. Prerequisite(s): Written permission of instructor and MATH 5853. Enrollment open to Math majors only.

MATH 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study. Prerequisite(s): Permission of instructor and MATH 5853. Enrollment open to math majors only.

MASS COMMUNICATION (MCOM) Department of Mass Communications

MCOM 5000 Workshop In Mass Communication
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

MCOM 5413 Techniques Of Forensic Photography
This course explores the techniques used in obtaining and producing photographs used in investigation, evidence gathering and general photography used by law enforcement agencies. This course is designed for students planning to pursue a career in the forensic sciences. Prerequisite(s): MCOM 1123.

MCOM 5623 Gays & Lesbians In Film/Media
This course examines representations of gays and lesbians from the development of an alternative gay and lesbian cinema movement to the mainstreaming of gay and lesbian people in television and in film.

MCOM 5900 Practicum In Mass Communication
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

MCOM 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

MCOM 5930 Independent Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

MCOM 5950 Internship In Mass Communication
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

MCOM 5960 Institute In Mass Communications
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

MCOM 5970 Study Tour In Mass Communication
Credit will vary. Subject matter will vary within the department's field of study.

MCOM 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.
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, woodwinds and jazz improvisation.

MPER 5111 Concert Chorale
Concert choir provides an opportunity for musically talented UCO students to develop their vocal talents rehearsing and performing a wide variety of choral music. The group will perform a minimum of two on-campus performances during the semester. Prerequisite(s): Permission of instructor.

MPER 5141 Cantilena
Cantilena is a vocal ensemble for the Soprano/Alto singer. It is open to all students, regardless of major, by audition and permission of instructor. Prerequisite(s): Permission of instructor.

MPER 5151 UCO Chamber Orchestra
The UCO Chamber Orchestra offers advanced students the opportunity to perform orchestral works of the 17th and 18th Centuries in a chamber setting working without a conductor. Prerequisite(s): A successful audition, and permission of the instructor.

MPER 5161 UCO Symphony Orchestra
The UCO Symphony offers a well-rounded orchestral experience through performing four to eight concerts each school year, embodying compositions in a variety of styles from various musical periods. Prerequisite(s): A successful audition.

MPER 5181 Chamber Choir
The Chamber Choir performs advanced choral literature which is intended for smaller ensembles. Prerequisite(s): Permission of instructor required.

MPER 5281 Band
A band is a large ensemble performing group. The university band program is open to all university students who have performance skills on band instruments. During the fall semester the marching band performs at football games, and spring semester is devoted to wind ensemble and concert band performance. Prerequisite(s): Written permission of instructor.

MPER 5291 Wind Symphony
The wind symphony is the premier performing ensemble in the Winds & Percussion Division of the UCO School of Music. The ensemble prepares and performs music for concerts on and off campus, tour, and other activities throughout the fall and spring semesters.

MPER 5351 Advanced Piano Ensemble
The advanced piano class is designed for piano majors or students with equivalent proficiency. The course of study will provide solo performers an opportunity for ensemble playing experience. Areas of concentration are piano duet literature, two-piano and four-piano literature, piano accompanying, and multiple score reading. Prerequisite(s): Written permission of instructor.

MPER 5822 Graduate Recital
This course is a public performance for the graduate performance major. Prerequisite(s): Two semesters of graduate instruction in the applied area and written permission of major applied instructor and graduate advisor.

MPER 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 Performance
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports.

MPER 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. Prerequisite(s): Written permission of instructor.

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. Prerequisite(s): Written permission of instructor.

MPER 5970 Study Tour In Music Performance
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

MPER 5980 Graduate Project
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

MPER 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

MARKETING (MRKT)
Department of Marketing

MRKT 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.
Graduate Course Descriptions

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 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  Instructional Methods For Secondary Teacher
Study of the basic content and general principles of instrumental music appropriate to the secondary school program; organization of materials, procedures and techniques of instruction.

MUED 5413  Trends In Marching Band
This course covers marching band fundamentals, various types of precision marching, pageantry, charting and show planning. Each student will be required to write an original seven minute halftime show.

MUED 5432  Vocal Meth. For Secondary Teacher
Problems and methods of teaching vocal music in the grades. For music majors/minors only. Prerequisite(s): Admission to Teacher Education.

MUED 5452  Elementary Music Methods - Vocal
Problems and methods of teaching instrumental music in the grades. For music majors only. Prerequisite(s): Admission to Teacher Education.

MUED 5472  Vocal Music Methods - Secondary
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 5930  Individual Study In Music Education
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports.

MUED 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.

For music majors/minors only.

MUED 5872  Vocal Music Methods - Secondary
Problems and methods of teaching instrumental music in the grades. For music majors/minors only. Prerequisite(s): Admission to Teacher Education.

MUED 5852  Elementary Music Methods - Vocal
Problems and methods of teaching vocal music in the grades. For music majors only. Prerequisite(s): Admission to Teacher Education.

MUED 5872  Vocal Music Methods - Secondary
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 5930  Individual Study In Music Education
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects, based on approved outlines or plans; conferences, oral and written reports.

MUED 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.
MUS 5000 Workshop In Music
Credit will vary from 1 to 4 hours. Subject matter will vary within
the department's field of study.

MUS 5001 Workshop In Music
Credit will vary from 1 to 6 hours. Subject matter will vary within
the department's field of study.

MUS 5022 Music For Small Vocal Ensemble
Repertoire and performance practices of music for small vocal
ensemble ranging from 16th century madrigal to contemporary
literature.

MUS 5043 Music In America
The course possesses a socio-historical orientation and covers a
broad spectrum of the musical life of the United States since its
colonization. The content includes sacred and secular, popular
and classical, as well as some of the folk traditions that have
made important contributions to American musical life.

MUS 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 5123 Advanced Music Composition
An in-depth study of 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 theory credit and up to 6 hours of elective credits in the master's degree.

MUS 5132 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 5133 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 5143 Wind Instrument Literature For Ensemble
This course presents 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 5213 Music Theatre Directing I
The historical emergence of the director, production techniques, working with staff, artistic staff and performers, and coordination of all elements of pre-production, production, and post produc-

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 Ensemble Pedagogy
This course is designed to help conductors and teachers of instrumen
tal ensembles understand and implement various instructional strategies and teaching techniques in instrumental ensemble rehearsals. 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 5372 Computer Music Technology

MUS 5383 Advanced Recording Technology
Advanced Recording Technology is an in-depth study of the complete schematics of the UCO Jazz Lab Recording Studio. Topics will include Microphone Selection and Placement, Signal Routing and Cabling, Analog and Digital Mixer Applications, Audio Interface Applications, Analog and Digital Recording Techniques, Digital Per-
former Plug-Ins, Audio Latency Management, Mixing Techniques, and Mastering Techniques. Prerequisite(s): MUS 5373.
Graduate Course Descriptions

MUS 5443  Arts Management
Arts Management will cover the following important career topics: resumes, media kits, web page development, branding, taxes and record keeping, legalities — including contracts and copyright issues, networking, personal presentation (i.e. interviews and auditions), researching and recognizing career enhancing opportunities, and developing a career strategy. Graduate students will be required to complete additional research and present a minimum of three classroom presentations on assigned topics.

MUS 5453  Music Theory Survey
This course covers the essentials of diatonic and chromatic harmony and voice-leading, through part-writing, analysis, and aural training. Building on undergraduate coursework, students will obtain a deeper understanding of musical concepts and lay a solid foundation for successful graduate study in music.

MUS 5463  Studies In Music Theory
This title embraces a continually changing variety of specific courses in the broad field of music theory, each designed around the particular expertise or research interest of the individual instructor. The subject areas include but are not limited to specific analytical techniques, the analysis of specific repertoires, issues in the history of theory, and contemporary issues in theoretical analysis. In each case an emphasis is placed on the state of current research in the field and the involvement of students in independent research.

MUS 5503  Advanced Conducting-Score Read
This course presents a thorough study of choral, band, and orchestral scores and their interpretation, with particular emphasis on developing more advanced techniques and experiences in conducting.

MUS 5512  Brass Pedagogy
This course will address methodological approaches to technical and musical aspects of brass teaching in the context of exercises, studies, and repertoire. Prerequisite(s): Concurrent enrollment in Applied Brass and 6 hours of Applied Brass at the graduate or undergraduate level.

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 & Techniques
No description at this time.

MUS 5633  Jazz History
This course will examine the historical development of jazz music as well as the important elements which comprise the individual styles of jazz. The class will focus on important musicians and literature of each era. Attention will also be brought to social aspects of American history as it directly relates to the development of jazz music. Graduate students will complete additional research projects and give a minimum of three class presentations on assigned topics.

MUS 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 5653  Jazz & Commercial Music Arranging
Jazz & Commercial Music Arranging instructs the student in the art of wind, string, vocal, and rhythm section arranging as relates to jazz and commercial music styles. Students will be expected to arrange for jazz ensemble, studio rhythm section, various combinations of horns/strings, and vocals.

MUS 5662  CD Album Pre-Production
This course is intended to give students laboratory studio time with instructor supervision to complete pre-production of the graduate CD album. This includes composition, arranging and orchestration, and scratch reference tracks. Prerequisite(s): MUS 5372, 5383, and (5653 or concurrent enrollment).

MUS 5674  CD Album Production
CD Album Production is to be taken during the final spring semester of the Master of Music in Jazz Studies Commercial Music Production Degree. During this semester project, the student will complete all recording, editing, mixing, and mastering of the final CD Album project. Prerequisite(s): MUS 5372, 5383, and 5662.

MUS 5713  Analytical Techniques
This course introduces students to the advanced application of techniques of harmonic and formal analysis as applied to the repertoires of western music from the eighteenth through the early twentieth century.

MUS 5723  History Of Performance
This course 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 5727  Conducting
The course is designed to teach techniques of instruction in the area of conducting. Prerequisite(s): MUS 5372, 5383, and 5662.
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 5753  Studies In Music History
This title embraces a continually changing variety of specific courses in the broad field of music history, each designed around the particular expertise or research interest of the individual instructor. The subject areas include but are not limited to genre studies, individual composers, limited period studies and contemporary issues. In each case an emphasis is placed on the state of current research in the field and the involvement of students in independent research.

MUS 5762  Practicum In Musical Interpretations
This course is designed to help conductors and teachers of ensembles develop analytical and artistic methods to find depth and meaning in the music that they teach and perform. Emphasis will be placed on stylistic analysis and on the understanding that conductors are “the composer’s advocate.”

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 5970  Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

MUS 5980  Graduate Project
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

MUS 5990  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

NUTRITION (NTRN)
Department of Human Environmental Science

NTRN 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 5184  Advanced Nutrition
The advanced study of nutrition including digestion, absorption, and metabolism of all nutrients with an emphasis on the latest nutrition research. Prerequisite(s): NTRN 4034, CHEM 3403, CHEM 4103 or concurrent enrollment, and BIO 2604.

NTRN 5193  Food Science
This course includes an investigation of the scientific techniques that must be utilized by food scientists and technologists to bring commercially viable products to the marketplace. Prerequisite(s): NTRN 1613 and CHEM 3303.

NTRN 5212  Management Of Nutrition Services
This course includes the study of concepts, processes, and theories of managing clinical nutrition services. The course will emphasize the delivery of high quality, cost-effective service that can be justified to hospital administrators, health care team members and patients. Prerequisite(s): Enrollment open to Nutrition and Food Management majors only.

NTRN 5223  Institutional Food Management
This course includes all organization and administration of food service systems. Emphasis is on physical facilities, financial control, menus and purchasing. Prerequisite(s): NTRN 4673 and 4673L.

NTRN 5233  Research Methods In Nutrition
This course includes the basic techniques and methodology in nutrition research; reviewing current research studies and interpreting findings in order to evaluate research in the nutrition areas of specialization.
Graduate Course Descriptions

NTRN 5322 Nutrition Assessment
This course includes the processes 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.

NTRN 5333 Computers In Nutrition
The course offers the opportunity to use state of the art software developed for food management operations and nutrition services. Prerequisite(s): Computer literacy and graduate standing in nutrition and food management.

NTRN 5402 Nutritional Concerns Of Women
The course includes a study of scientific nutrition research on issues pertinent to women’s health in all age groups.

NTRN 5892 Advanced Clinical Nutrition
This course includes the development of skills required of the professional nutrition care specialist. It additionally provides an opportunity to integrate nutrition knowledge with its application in clinical care in a variety of health care practice settings. Prerequisite(s): NTRN 4394, NTRN 4034, CHEM 3403, CHEM 3442, and BIO 2604. Permission required.

NTRN 5900 Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

NTRN 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Directed intensive study of selected problems or special topics. Prerequisite(s): An undergraduate minor in the subject matter area and written permission of graduate advisor.

NTRN 5930 Individual Study
Credit will vary from 1 to 4 hours. Directed intensive study on definite problems or special subjects based on approved outlines or plans, conferences, oral and written reports. Prerequisite(s): An undergraduate major in the subject matter area and permission of graduate advisor.

NTRN 5950 Internship
Credit will vary from 1 to 8 hours; subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

NTRN 5960 Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

NTRN 5970 Study Tour In Nutrition
Credit will vary. Subject matter will vary within the department's field of study.

NTRN 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

NURS 5000 Workshop In Nursing
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of “P” or “F” is given. No more than 2 hours of workshop may be counted on a master’s degree.

NURS 5033 Theoretical Foundations Of Nursing Practice
Students are provided with the opportunity to relate a philosophical and theoretical base to concepts and operations inherent in nursing administration. Current nursing conceptual models and theories will be analyzed. 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.

NURS 5103 Advanced Pathophysiology
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.

NURS 5513 Psychiatric Forensic Nursing
This course overviews psychiatric concepts important to forensic nursing. The focus will be on psychiatric conditions associated with criminal behavior including the psychosocial factors that motivate same. These psychiatric issues are then related to forensic concepts for the purpose of facilitating valid and reliable investigative procedures. Prerequisite(s): Graduate standing.

NURS 5523 Sexual Assault Forensics
The purpose of this course is to provide an overview of the types of sexual assaults to which adults fall victim, perpetrator profiles and sequelae of these assaults on victims. Prerequisite(s): Graduate standing.

NURS 5533 Child Abuse Forensics
The course is a comprehensive examination of all forms of child maltreatment and neglect, etiological factors, perpetrator profiles, short-term and long-term sequelae of abusive experiences, and treatment modalities. Prerequisite(s): Graduate standing.

NURS 5543 Domestic Violence Forensics
This course is a comprehensive examination of all forms of domestic violence, characteristics of perpetrators, stalking, spouse abuse, elder abuse, homicide and the short-term and long-term sequelae of the assaults on victims. Law enforcement policies and treatment modalities will also be covered. Prerequisite(s): Graduate standing.

NURS 5900 Practicum In Nursing
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

NURS 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

NURS 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 4 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 & Technology Student Organizations
This course will focus on the development of a career and technology student organization (CTSO) to serve the needs of the students enrolled in career, occupational, and technology education programs by infusing employability skills, leadership skills, and peer relationship building.

OCTE 5103 Instructional Strategies In Marketing Educ.
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. & Admin. of Health Occupations
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. & Admin. of Marketing Education
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 History & Philos. of Career Tech. Educ.
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/Mgmt of Occupational Technology
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 Education
This course focuses on the successful operations of programs in occupational and technology education.

This course will focus on the methods and techniques employed in delivering instruction in health occupations education.

OCTE 5342 Consulting Skills In Training Development
Examines the internal and external consulting roles of the training and development professional. Topics include an overview of the consulting process, conducting contracting meetings, understanding and dealing with resistance, gathering data, and conducting feedback meetings. Responding to requests for proposals, writing proposals, developing budgets, and determining the cost benefits of training will also be examined.

OCTE 5352 Accommodating Special Needs Students
This course will provide the participant with an explanation of the occupational instructor’s roles and responsibilities in special education students’ Individualized Education Programs (IEP). In addition, a discussion of the “how-to” for accommodating instruction, media, materials, equipment, work stations and facilities will be provided. Finally, securing work-site learning opportunities and job placement strategies will be discussed. Prerequisite(s): 4253 Safety Concerns and Management of Trade and Industrial Programs.

OCTE 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.

OCTE 5531 Occupational 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 Integr & Trans Oppor
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/Profes. Issues in Occupational Educ.
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 5723 Troubleshoot. & Maintain. a Local Network
A graduate-level course in personal computer (PC), printer, fax, modem, and other peripheral, systems basic troubleshooting: simple repair procedures and testing, printed circuit board (PCB) removal and upgrading, functional circuit board component removal and replacement (disk drives). Sequential and Substitutional Troubleshooting Techniques, electronic resource management methods, diagnostic software packages, and DOS commands to access and alter CONFIG.SYS and AUTOEXEC.BAT will be applied. Elecommunications techniques and media, Local Area Networks, Wide Area Networks, and network protocols are presented and applied. Prerequisite(s): OCTE 4523.
Graduate Course Descriptions

OCTE 5853 Methods for Teaching Occupational Technol.
Examination of the selection and implementation of instructional strategies for occupational and technology education. Delivery of instruction through instructional strategy selection, introducing and summarizing topics, conducting illustrated lectures, giving demonstrations, operating media equipment, and analyzing instructional techniques will be covered.

OCTE 5900 Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

OCTE 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

OCTE 5930 Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

OCTE 5950 Internship
Credit will vary from 1 to 8 hours; subject matter will vary within the department’s field of study.

OCTE 5960 Institute
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

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 Health And Physical Education
Individual investigation of research methods and special problems in health and physical education.

An analytical study of aims, objectives, program activities methods and outcomes in the programs in health and physical education, within and outside the school setting.

PHED 5123 Curr. Construct. Health & Physical Education
An analytical study of aims, objectives, program activities methods and outcomes in the teaching of health and physical education.

PHED 5153 Physical Education Facilities/Equipment
A course emphasizing the functional planning of physical education facilities and equipment for outdoor and indoor areas, stadium, gymnasmium, swimming pool and other.

PHED 5202 Health & Physical Educ. for the Elem. Teacher
Study of the basic content and general principles of health and physical education appropriate to the elementary school program; organization of materials, procedures and techniques of instruction. Prerequisite(s): PHED 3302 or its equivalent.

PHED 5212 Hlth. & Phys. Educ. for the Secondary Teacher
Study of the basic content and general principles of health and physical education appropriate to the secondary school program; organization of materials, procedures and techniques of instruction. Prerequisite(s): PHED 4303.

PHED 5222 Physical Education In Higher Education
A study of the function of physical education in the general education and professional preparation curricula of higher education institutions. Also an intensive study of the physical education faculty member’s role as a member of the higher education community.

PHED 5233 Contemp. Issues in Physical Educ. & Sport
This course involves an analysis of selected contemporary issues in the areas of physical education and sport with emphasis on rational development and evaluation of viewpoints.

PHED 5252 Legal Aspects Phys. Ed., Recr. & Athletics
A study of the legal responsibilities of persons functioning in the fields of physical education, recreation, and athletics including the application and interpretation of the law.

PHED 5272 Motor & Body Image
A diagnostic-prescriptive approach in the determination and remediation of problems in motor development. Discusses the gross and fine-motor development and body-image development as relates to problems in learning and adjustment. The student experiences theoretical and practical activities: (1) administering motor-based tests common in schools, (2) developing a prescriptive program for remediation of deficits determined through testing, and (3) writing assessment results and recommending activities for alleviation.

PHED 5303 Physical Based Human Performance
A study of the physiological effects of physical exercise. Prerequisite(s): PHED 3503.

PHED 5313 Applied Sports Psychology
This course is a study of psychological theories and techniques that could be used to enhance the performance and personal growth of sports and exercise participants from youth to elite levels.

PHED 5363 Psychological Basis Of Human Performance
A study of the principles of learning as applied in the teaching of physical education.

PHED 5393 Research In Kinesiology & Health
This course is an overview of concepts and procedures necessary for designing, conducting, and analyzing research in Kinesiology and Health Studies from multiple research paradigms. The course will focus on the steps involved in the administration of a research project, including literature review, design, data collection, and analysis. Prerequisite(s): KINS 5233.

PHED 5502 Phys. Ed. & Recr. for the Exceptional Child
Understanding motor characteristics and assessing motor development of the exceptional child; development and adaptation of physical education and recreation programs; and field and/or laboratory experiences.

PHED 5632 History & Philos. of Health & Phys. Education
A study of the historical and philosophical bases of health and physical education.

PHED 5672 Public Relations in Health & Phys. Education
A study of the function of physical education in the general education and professional preparation curricula of higher education institutions. Also an intensive study of the physical education faculty member’s role as a member of the higher education community.

PHED 5750 Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.
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 5960 Institute
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.

PHILOSOPHY (PHIL)
Department of Humanities & Philosophy

PHIL 5000 Workshop In Philosophy
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

PHIL 5163 Philosophy Of Science
Pursues the philosophical implications of various principles and ideas in the sciences, and raises critical questions regarding assumption, hypothesis, and scientific method. Prerequisite(s): 6 hours of philosophy.

PHIL 5183 Philosophical Issues In Social Science
An in-depth discussion of specific philosophical issues in some area of the social sciences such as the nature of psychological explanation or the covering law model of historical explanations. Specific topics may be changed, but the course will always spend the first half of the semester on the question of the science in social science. Prerequisite(s): 6 hours of philosophy; 6 hours of social science; and written permission of instructor.

PHIL 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 electrostatics, mechanics, heat transfer, quantum mechanics, and acoustics. The 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.
## Graduate Course Descriptions

### PHY 5103 Classical Mechanics
Lagrangian and Hamiltonian methods will be introduced and applied, as appropriate, to a variety of mechanical systems. Topics will include vibration theory, elasticity, fluid mechanics, and acoustics. Prerequisite(s): PHY 4163.

### PHY 5143 Kinetic Theory & Statistical Mechanics
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 5943 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

### PHY 5950 Individual Study In Physics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

### PHY 5960 Internship In Physics
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

### PHY 5970 Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

### PHY 5990 Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

### POL 5003 Research Methods
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 Government
A study of the problems existing in relationships between state and local governmental units.

### POL 5143 Problems-International Affairs
Case studies in the resolution of geographic and functional problems in international affairs, tailored to students’ specific international interests.

### POL 5153 American Politics
A survey of selected literature from the field of American politics. Subjects covered will come from among the following: Presidency, Congress, judiciary, political parties, interest groups, electoral behavior, media in politics, and public opinion.

### POL 5163 Intergovernmental Relations
An exploration of the relationships among the federal, state, metropolitan, and local units of government. Current trends, issues, administrative structures and procedures are emphasized.

### 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 & Municipal Budgeting
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.

### POL 5223 The Presidency
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.

### 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 5233  Political Parties/Behavior
Structure and function of the American political party system with emphasis upon the role of parties in American politics, noting the political behavior patterns of American voters. Evaluation of recent political behavior research. Prerequisite(s):  POL 1113.

POL 5243  Media And Politics
Discussion of the role of the media in politics, including how the media covers American institutions, and the impact of the media on campaigns. Our course will examine the role of television advertising, campaign coverage, and public opinion polls. This course also examines the political and social messages of several “entertainment” media, such as television and films, as well as the dynamics behind these messages.

POL 5253  The Congress
This course is designed to introduce the student to the first branch of government. It will evaluate Congress, its' functions, relationships, members, and organization in order to determine whether it achieves the purpose for which it was created. Prerequisite(s):  POL 1113.

POL 5263  Judicial Process
This course examines the organization, jurisdiction, and functions of both federal and state courts, as well as, explores theories of judicial behavior and judicial policy-making.

POL 5273  International Politics Risk Analysis
An analysis of techniques useful in forecasting regime changes, nationalization, controls on profit repatriation, and other political risks faced by companies operating in foreign countries.

POL 5283  Public Opinion
A study of public opinion and the techniques of mass media and propaganda in a democratic society, including its measurement and evaluation with particular reference to the role of interest groups. Prerequisite(s):  POL 1113.

POL 5313  Religion And The Law
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.

POL 5323  Constitution & Criminal Procedure
This course covers the constitutional boundaries, established by the Supreme Court, for gathering evidence at a crime scene, questioning witnesses/suspects, arresting suspects, and seizing evidence as well as the constitutional rights of the accused at trial.

POL 5333  Constitution & Civil Liberties
This course is an analysis of the U.S. Constitution as interpreted by federal courts, emphasizing constitutional limitations on governmental actions, particularly with respect to civil liberties.

POL 5403  Women And Politics
This course will focus on the political status of women from a comparative perspective. The specific aim of the course is to examine the changing roles of women in recent history, the political and cultural impetus behind these changes, and how these changes (or absence of change) have affected the lives of women in different political and cultural settings.

POL 5413  Public Policy Analysis
Public Policy Analysis is designed to equip students to become independently capable policy analysts. The methods and procedures of policy analysis are learned and practiced, and examples of analysis of policies on the local, state, and national levels are studied.

POL 5433  Urban Minority Politics
A study of the intricacies of diversity and the decomposition of the American urban areas, focusing on the role of city government, urban political processes, and representation techniques.

POL 5443  Environment Politics
This course will examine the politics of the environment by looking at the actions or inactions of the government in the areas of resource scarcity, environmental health and safety, natural esthetics, and economic groups. This class will also look at environmental politics as just one of many social movements in the United States. As such, this class will examine how interest groups supporting the environmental movement have developed in recent decades and how they seek to protect their interests.

POL 5523  Urban Housing Policy
A study of the various factors which affect national and local housing issues, with discussion of housing problems in the urban environment.

POL 5533  Development Dispute Resolution
Contemporary methods of resolving development dispute through negotiation, bargaining, and mediation. Techniques and skills applicable to solving controversies over planning and implementation of public and private development projects.

POL 5543  State Administration
A study of the administrative institutions, policy making processes, and political environment of state government, emphasizing both theory and practice. Prerequisite(s):  POL 1203, 2413.

POL 5603  Theories-International Relations
An examination of the major theories of international relations, focusing on their contributions to framing the analysis of international interactions. The works of seminal authors will be studied for their insights into such central concepts of international political analysis as: sovereignty, balance of power, and national interest.

POL 5613  World Politics
An analysis of the political interactions among nation-states, multinational corporations, and international organizations; and the pattern of relationships that result. Focuses particularly on war-peace issues and the politics of international economic and social relations. Prerequisite(s):  POL 2303.

POL 5623  American Foreign Policy
A study of the major themes and issues which have, in recent years, informed the practice of American foreign policy. Among the topics covered are: the inter-branch struggle in foreign policy making, trade and national security policy, and challenges confronting American foreign policy in specific geographic and functional areas.

POL 5633  International Law
A study of the legal aspects of international relations, and of the generative role of international law in informing actors of the nature and limits of authoritative practices within the international community.

POL 5643  International Security Studies
A study of analytical frameworks which seek to explain the nature of international conflict. Consideration will also be given to such practical threats to global peace and stability as weapons proliferation, regional military balances, strategic competition and threat psychology.
### Graduate Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<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 United States and 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. Overage of issues will vary depending on the interests of the instructor and on recent international developments. May be repeated for credit with permission of the student's advisor.</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. He main objective is to communicate a clear understanding of the Japanese political system and its decision-making processes.</td>
</tr>
<tr>
<td>POL 5773</td>
<td>Politics Of Revolution</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5813</td>
<td>Political Philosophy</td>
<td>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 themes.</td>
</tr>
<tr>
<td>POL 5823</td>
<td>Religion And Politics</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5833</td>
<td>Survey of American Political Thought</td>
<td>A survey of main currents in American political thought from puritanism to the present. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5843</td>
<td>Ancient &amp; Medieval Political Thought</td>
<td>The development of political theories from Plato to Rousseau. Prerequisite(s): POL 1113.</td>
</tr>
<tr>
<td>POL 5853</td>
<td>Modern Political Thought</td>
<td>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.</td>
</tr>
<tr>
<td>POL 5900</td>
<td>Practicum In Political Science</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>POL 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>POL 5930</td>
<td>Individual Study In Government</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>POL 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.</td>
</tr>
<tr>
<td>POL 5960</td>
<td>Institute In Political Science</td>
<td>Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.</td>
</tr>
</tbody>
</table>
POL 5970  Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

POL 5983  Capstone Paper
This course meets the writing requirement that is part of the department’s Master’s program. The topic of the Capstone Paper is chosen in consultation with a faculty advisor and should reflect an important issue within the discipline.

POL 5990  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

**PSYCHOLOGY (PSY)**

**Department of Psychology**

PSY 5000  Workshop In Psychology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study. Normally involves lecture, films, guest 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.

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 5143  Advanced Developmental Psychology
This course provides an in-depth examination of human development from infancy through later adulthood with primary emphasis on psychological research, theory, and its application. Prerequisite(s): PSY 2833 and written permission required.

PSY 5193  Experimental Design
This is a foundation course which stresses the complimentary relationship between research design and statistical analysis. The course emphasizes computer applications in the areas of experimentation, psychometrics, and data analysis. Prerequisite(s): Written permission required.

PSY 5233  Psychopathology
The purpose of the course is the study of current diagnostic criteria for psychopathology and examination of theory regarding psychopathology and personality including biological, intrapsychic, phenomenological, behavioral, sociocultural and integrative perspectives. Prerequisite(s): PSY 4753 and written permission required.

PSY 5253  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  Legal & Ethical Aspects Of Counseling
This course provides a study of the essential legal and ethical aspects of the counseling profession as presented in professional organization codes and current state and federal laws. Prerequisite(s): Written permission required.

PSY 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  Multivariate Analysis w/SPSS
Multiple regression, multivariate analysis of variance and covariance, discriminant analysis, factor analysis, log linear analysis, cluster analysis (including quick cluster), and multidimensional scaling are seven multivariate analysis procedures that are examined in this course. A focus on when and why each technique is used, familiarization of SPSS computer output for each technique and the examination of published research articles containing the application of these techniques will be covered. Prerequisite(s): PSY 3713 or concurrent enrollment and written permission of instructor.

PSY 5473  Individual Counseling
This course provides an overview of the theories, therapeutic approaches, and empirically supported treatments specific to working with individuals. Students will become familiar with the legal, ethical, and diversity issues applicable to the diagnosis and treatment of individuals. The course will employ instruction, role play and classroom demonstration. Prerequisite(s): Admitted to the program and written permission of instructor.

PSY 5483  Group Counseling
This course provides an overview of the theories, therapeutic approaches, and empirically supported treatments specific to working with groups. Students will become familiar with the legal, ethical, and diversity issues applicable to the diagnosis and treatment of groups. The course will employ instruction, role play and classroom demonstration. Prerequisite(s): PSY 5473 and written permission of instructor.
Graduate Course Descriptions

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.

PSY 5683  Advanced Counseling
This course provides an in-depth view of the theories, therapeutic approaches, and empirically supported treatments specific to working with various individual client populations. Students will become familiar with the legal, ethical, and diversity issues applicable to the diagnosis and treatment of various types of individual clients and diagnoses. The course will employ didactic instruction, role play and classroom demonstration. Prerequisite(s): PSY 5473 with a minimum grade of “B” and written permission of instructor.

PSY 5722  Introduction To School Psychological Services
This is a course designed to aid school psychometrist and school psychologists in exploring their role and functions. Ethics for their discipline, legal implications, current research on assessment of children and adults, school placement, classroom management, referral sources, therapeutic intervention strategies, consultation, and professional affiliation will also be covered. Prerequisite(s): Written permission from psychology chair required.

PSY 5753  Advanced SPSS
This course emphasizes coding data for data files, writing SPSS control files to read the data file, and completing SPSS procedures. Procedures covered range from basic data transformations to complex multivariate procedures. Prerequisite(s): PSY 3813; PSY 4383 preferred and written permission from psychology chair required.

PSY 5803  Individual Testing Techniques-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  Foundations Of Educational Research
This course provides an interdisciplinary approach to developing criteria for utilization of research methodologies relevant to the varied professionals working in educational settings. Included in this course will be practical experience in conducting and/or writing research proposals appropriate to the programs reflective of these educational settings and a computer simulation of the handling of statistical data.

PTE 5112  Modern Philosophies Of Education
This course is a study of current educational philosophies with a special emphasis on those of the United States. It provides for an understanding and application of philosophical theories within the educational setting.

PTE 5142  History Of Education
This course examines the historical perspective and impact of the political economy, prevailing ideology, educational practices, educational problems, and major contributions by educational leaders and theorists in American schools. This course also analyzes key educational issues dealing with how diversity has impacted American schools.

PTE 5153  Advanced Develop. Psych. 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  Advanced Educational Psychology
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. Develop. - Secondary School
This course provides an in-depth study of the design and delivery of a school system's curriculum and instruction components. Students will study the basic constructs of curriculum, teaching and testing, enabling them to recognize and implement quality curriculum standards at the middle school and high school levels. This course will focus on the process of curriculum development, evaluation, improvement and leadership with emphasis on the relationship between the written, taught, and tested curriculum.

PTE 5322  Problems Of Teaching In Secondary Schools
This course provides a critical study of the major problems of instruction common to secondary schools.

PTE 5333  Meeting Students' Needs
This course focuses on understanding adolescents' physical, cognitive, and psychosocial development as well as the impact of family, culture, and socioeconomic status on student learning and classroom instruction. 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 open to General Education majors only.

PTE 5383  Principles Of Tests & Measurements
This course examines test and measurement principles (psychometric statistics, reliability and validity). Major emphasis is placed on different types of educational and psychological assessment, including group and individual approaches to intelligence, aptitude, achievement, interest and personality.

PTE 5413  Educational Statistics
This course provides an introduction to the basic principles of organization and treatment of statistical data as utilized by educational professionals in various educational settings.

PTE 5422  Technology For Secondary Teachers
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. Development for Elementary Schools
This course is a study of the principles of curriculum organization in the elementary school setting. A major emphasis will be placed on curriculum development, modification, and the selection and evaluation of instructional materials.

PTE 5822 Advanced Psychology of Childhood
This course provides a study of the major theories of childhood. The relationship among child development, growth and educational/instructional practices and techniques is included with an emphasis upon the child in various educational settings including methods of child study.

PTE 5832 Advanced Psychology Of Adolescence
This course is a study of the major theories of adolescence including an overview of the problems and characteristics of the period of adolescence. Emphasis is upon the various aspects of adolescent growth, development, and current research as these relate to educational settings, decisions, and practices.

PTE 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 Individual 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./Correct. Classroom Reading Experience
This course provides classroom experience for teachers meeting the needs of readers in developmental/corrective groups. Special attention will be given to the task of identifying, within the classroom, reading levels/problems.

READ 5443 Assessment/Dyslexia & Reading 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”.

READ 5613 Secondary/Adult Disabled Reader
This course is designed for the teacher desiring experience in testing and teaching the disabled secondary/adult learner. The course will be conducted for two hours, plus an hour arranged. The first two hours will be devoted to the clinical aspects of the course. Each clinical student will be assigned a disabled reader in a practicum for the purpose of remedial assistance. One hour will be devoted to consultations between the supervising professor and the class members. The main focus of concern is threefold: 1) explanation of diagnostic administration and interpretation 2) outlining measures of implementation for a prescriptive program and 3) understanding the psychological, social and intellectual needs of the secondary/adult disabled reader.

READ 5623 Foundations & Survey Reading
An introductory course giving an overview of current practices in teaching reading, remedial and developmental reading techniques and a review of recent research in reading.

READ 5663 Theoretical Basis Of Reading
The theoretical basis of reading includes the cognitive impact on how one learns to read using the psychological, physiological and cognitive model.

READ 5712 Organization & Supervision Of Reading Programs
Policies and techniques of planning, implementing and supervising of reading centers and programs in schools and school systems.
READ 5833 Diagnosis/Intervention In Reading
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 Diagnosis & Correction Of Reading Disability
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 5833L Clinical Practice In Reading Lab
Lab for READ 5853. Summer sessions only.

READ 5854 Clinical Practices In Reading
A practicum in the reading clinic with enrollees working with disabled readers.

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.

SAS 5273 Substance Abuse And The Family
This course is designed to provide the student with an overview of the dynamics of functional family systems. The course provides insight into the effects of chemical dependency on the family. The student is guided in exploring and identifying many of the characteristics of healthy and unhealthy family systems, including physical, emotional, and sexual abuse issues. In addition, family structure, rules, roles, boundary systems, and cultural differences are addressed. Also included in this course are the basic techniques for prevention, intervention, family treatment, and recovery of the dependent person(s) and other family members. An in-depth research paper on an appropriate subject is prepared by each student. Prerequisite(s): 12 undergraduate semester hours in sociology and/or psychology.

SAS 5303 Substance Abuse In Special Populations
This course addresses various SOCcultural factors influencing use and abuse of alcohol and other drugs in selected subgroups of American society and the effect of these influences on the treatment and recovery processes for chemical dependency. Special populations included are women, adolescents, elderly, racial/ethnic groups, gays and lesbians, high-risk professional groups, criminals, the mentally ill.

SAS 5333 Advanced Counseling Skills/Substance Abuse
This course examines the helping relationship, including skills relevant to working with persons affected by chemical dependency. The course will include examination of qualities of a functional helping relationship and social-psychological issues involved in working with the chemically dependent person such as denial, treatment goals, and when/how to intervene in the dysfunctional personal/social world of this person. The course will include demonstration and role-playing of techniques of a functional helping relationship. Prerequisite(s): SOC 3023.

SAS 5343 Prevention And Education In Substance Abuse
This course will examine contemporary prevention theories and the basic strategies of comprehensive prevention programming. The course will explore historical and current prevention programs. The course will examine the process of implementing prevention programs in communities through community mobilization and action planning. The course will explore prevention as a method of thinking about problems and issues.
Graduate Course Descriptions

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 within the department's field of study.

SAS 5930  Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. May be repeated for credit up to four hours.

SAS 5950  Internship
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 Prevention & Protection
This course is designed to prepare the safety professional/other safety personnel for industry. Among the areas included are: factors contributing to industrial fires, the chemistry of fires, the classification of fires, special systems and agents, identification of hazardous materials, and fire prevention activities.

SFTY 5203  Principles, Hist., & Philos. of Safety Education
This course reviews the philosophy of industrial safety in light of its historical context. In addition, system safety and quantitative risk management models will be studied.

SFTY 5213  Chemical/Toxic Hazardous Material/Waste
A study of the major categories of hazardous chemicals, their chemical and physical properties, and their toxicological effects on the human body. Prerequisite(s): SFTY 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  Driver & Traffic Safety II
Special attention is given to administrative policies and practices, and selection, organization, and program evaluation. A study on qualification and certification standards for teachers of high school driver education, community resources, instruction strategy, evaluation of instructional materials and equipment. Laboratory practices will include experience in programming, Prerequisite(s): SFTY 3203.

SFTY 5323  Underground Storage Tank Management
This course will present information about the safety concerns associated with, and environmental hazards common to aboveground and underground petroleum storage tanks. The course will consist of lectures, guest speakers from regulatory and consulting arenas, and field trips. Particular attention will be paid to regulatory 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 including 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 workplace. The 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.

SFTY 5453  Hazard Waste Oper. & Emergency Response  

SFTY 5463  Industrial Ventilation  
This course is a study of methods and techniques of industrial ventilation systems, including local exhaust systems as engineering controls for reduction of air-borne contaminants, as well as the basic concepts of heating, ventilation, and air-conditioning (HVAC) systems. Prerequisite(s): SFTY 2503 and graduate standing.

SFTY 5502  Traffic Engineering  
This course is designed to orient the driver and safety educator to the basic characteristics and operations of the traffic engineering Department; devices and techniques, signals, parking restrictions, coordination of traffic lights, channelization, redesign of intersections, utilization of reversible lanes or unbalanced flow, pedestrian controls and the use of signs and pavement markings.

SFTY 5522  Industrial Process Safety  
An examination of industrial processes, detailing health and safety consideration. Included are processes involving industrial coating, welding, robotics, lasers, conveyors, machine tooling, injection molding, forging and stamping. Prerequisite(s): SFTY 3073.

SFTY 5900  Practicum In Safety Education  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

SFTY 5910  Seminar / Special Topics  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

SFTY 5930  Individual Study  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

SFTY 5950  Internship In Safety Education  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

SFTY 5960  Institute In Safety  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

SFTY 5970  Study Tour  
Credit will vary. Subject matter will vary within the department's field of study.

SFTY 5990  Thesis  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

SPEECH/LANGUAGE PATHOLOGY (SLP)  
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  Foundations Of Speech-Language Pathology  
This course presents a survey of the principles, concepts and terminology fundamental to the professions of speech-language pathology and audiology.

SLP 5023  Fluency Disorders  
This course includes a detailed examination of the nature and definition of fluency disorders (stuttering and cluttering). Theories regarding etiology and their implications for evaluation and treatment of fluency disorders are studied. 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 Disorders Infant/Toddler  
This course presents an in-depth examination of high-risk infant/toddler development and implications for speech-language development. Topics include 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.
Graduate Course Descriptions

SLP 5243  Diagnostic Methods Speech-Language 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  Advanced Normal Language Development
This course provides a detailed description of linguistic, behavioral, cognitive and social factors in language development. Specific emphasis is placed on analysis and coding of morphologic, syntactic, semantic and pragmatic features in the language of children and adolescents. Prerequisite(s): Permission required.

SLP 5262  Advanced Language Disorders
This course provides an in-depth examination of the theoretical foundations, formal standardized tests, language sampling and analysis techniques for assessment of language disorders in children and adolescents. Topics include detailed study of various procedures for language treatment. Prerequisite(s): Written permission required.

SLP 5282  Advanced Articulation Disorders
This course provides an in-depth study of the principles and procedures for assessment and treatment of articulation and phonological disorders. Evaluation and treatment of oral-motor disorders, including apraxia and dysarthria, are also examined. Prerequisite(s): Permission required.

SLP 5292  Aphasia II
This course provides a detailed study of the procedures for evaluation and treatment of neurogenic communication disorders in adults including the aphasias, dementias, traumatic brain injury, and right-hemisphere syndrom. Prerequisite(s): SLP 5363, permission required.

SLP 5302  Augmentative Communication
This course examines the selection, development, and use of augmentative alternative systems of communication with severely communicatively handicapped individuals. Prerequisite(s): Written permission required.

SLP 5314  Language Disorders
This course presents a detailed study of the nature of language disorders in children and adolescents, including etiologies, classification, assessment and treatment. Specific emphasis includes principles and procedures for application of standardized test instruments, language sampling and analysis, informal assessment and developing treatment strategies. Prerequisite(s): Permission required.

SLP 5323  Voice Disorders
This course presents an in-depth study of anatomy and neurophysiology of the vocal mechanism and various voice disorders. The course includes evaluation and treatment techniques for hyper- and hypofunctional disorders, neurogenic disorders and clients with laryngectomy. Prerequisite(s): Permission required.

SLP 5332  Legal Aspects Speech-Language Pathology
This course presents a lecture series concerning the legal aspects related to the practice of Speech-Language Pathology. Topics include ethical bases of the profession and federal, state and common law requirements for both the private and public practitioner. Prerequisite(s): Permission required.

SLP 5343  Dysphagia
This course represents a study of the etiologies, assessment, and treatment of disturbances in oral-motor functioning for speech and swallowing in children and adults. This course replaces SLP 5342. Prerequisite(s): Written permission required.

SLP 5352  Cleft Palate
This course presents an in-depth examination of the anatomy, embryology, and etiology and classification related to clefts of the lip and palate. Topics include the evaluation of the effects of cleft palate on speech and the evaluation and treatment of cleft palate speech. Prerequisite(s): Permission required.

SLP 5363  Aphasia I
This 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. Prerequisite(s): Permission required.

SLP 5372  Neuroscience In Speech Language Pathology
This course is designed to examine the human nervous system at an advanced level with special emphasis on human communication. Terminology and conceptual tools for studying neurological structure and function of the somatosensory, visual, auditory, and motor systems are included in the examination of neuroscience. These concepts will be related to disorders of speech and language encountered by speech-language pathologists in their clinical work. Prerequisite(s): Permission required.

SLP 5713  Clinical Methods Speech-Language Pathology
This course examines the clinical foundations of speech-language pathology. Principles and procedures for the evaluation and treatment of communication disorders are studied. Methods for obtaining and analyzing behavioral data for clinical and research applications are examined in detail. Prerequisite(s): SLP 4054, 4673.

SLP 5900  Practicum
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SLP 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SLP 5930  Individual Study
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

SLP 5950  Internship
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

SLP 5960  Institute
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

SLP 5970  Study Tour
Credit will vary. Subject matter will vary within the department’s field of study.

SLP 5990  Thesis
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
SOCIOLOGY (SOC)
Department of Sociology/Criminal Justice/Substance Abuse Studies

SOC 5000 Workshop in Sociology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

SOC 5043 Sociological Statistics
Statistical applications in sociological research are emphasized in this course. Students learn to use traditional statistical treatments to describe sociological data. They learn to use decision-making statistics to make inferences about the relations between variables. They also learn to employ computer applications of statistical procedures in the analysis of sociological data. This course replaces SOC 5783. Prerequisite(s): Undergraduate degree in sociology or related area.

SOC 5053 Sociology Of Aging
This course is designed to acquaint students with the magnitude of the aging situation in America and to become informed about the social, psychological, economic, and political problems associated with the increasing number of people reaching retirement age in America. Prerequisite(s): 3 hours of sociology.

SOC 5103 Urban And Rural Communities
Principles of community organization, the general attributes of communities, the special features of folk and modern city societies developed in contrast. Prerequisite(s): 9 hours of sociology.

SOC 5233 Human Behavior/Social Environment
In this course, various social systems are analyzed in regard to their impact upon the quality of human life. Human development theories and research are studied chronologically, as they relate with environmental factors to determine the human condition. For each age group, sociological, psychological, and biophysical variables are examined, as well as the impact of diversity upon human behavior and social life.

SOC 5243 Social Deviance
This course defines social deviance, analyzes theories of deviance, examines social reactions to and social control of deviance, and looks at the effects of deviant identity. The above information then is applied to an understanding of several specific types of deviance, e.g., child abuse, alcoholism, suicide. Prerequisite(s): SOC 2103 and 6 hours of sociology.

SOC 5403 Social Ecology And Demography
An analysis of population movements and their effects on ecological and demographic factors in the society.

SOC 5443 Social Stratification
Theories of class and caste; wealth, status, and power; the American class system. Prerequisite(s): 9 hours of sociology.

SOC 5463 The Abused
This course is designed to equip students preparing for work in the helping professions to identify symptoms of abuse, and other forms of trauma, and to design and carry out treatment plans specifically developed to ameliorate resultant maladaptive behavior patterns. Matters of etiology, symptomology, and treatment techniques are examined with particular emphasis on research and theory. Prerequisite(s): Graduate standing in a program in the social and behavioral sciences, or in professional helping areas, and an introductory course in chemical dependency studies.

SOC 5513 Contemporary Social Movements
A critical consideration of social problems, causes of social maladjustments, a consideration of means for the amelioration of social ills.

SOC 5573 Sociology Of Childhood/Adolescence
A study of the group phases of childhood, child welfare, and the sociological analysis of child and adolescence.

SOC 5633 Social Welfare Theory
Theory, structure and techniques of private, municipal, state, and federal welfare agencies.

SOC 5693 Sociological Theory
A study of both classical and contemporary sociological theorists. Emphasis is on understanding the biographical, social, and philosophical context of theory. An understanding of how to apply various sociological perspectives is also presented. Prerequisite(s): SOC 3103 or 3633 or 4243.

SOC 5773 Sociological Research
This course teaches students a variety of research designs used in social research, e.g., experiments, quasi-experiments, and correlational designs. The merits and shortcomings of each technique are reviewed, as well as related issues such as reliability and validity, correlation vs. causation, generalizability, the relationship between theory and research, and ethical considerations. Students also learn to design and implement several research projects. The major emphasis in this course is quantitative research design, with some attention given to qualitative research procedures. Prerequisite(s): Undergraduate degree in sociology or related area.

SOC 5900 Practicum In Sociology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

SOC 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

SOC 5930 Individual Study In Sociology
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

SOC 5950 Internship In Sociology
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

SOC 5960 Institute In Sociology
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

SOC 5970 Study Tour In Sociology
Credit will vary. Subject matter will vary within the department's field of study.

SOC 5990 Thesis In Sociology
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

SOCIAL STUDIES (SOST)
Department of History & Geography

SOST 5910 Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.
Graduate Course Descriptions

**SPANISH (SPAN)**
Department of Modern Languages, Literature & Cultural Studies

**SPAN 5000  Workshop In Spanish**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 2 hours of workshop may be counted on a master's degree.

**SPAN 5203  Readings In Spanish Culture And Civilization**
Prerequisite(s): Eighteen hours of Spanish.

**SPAN 5223  Advanced Spanish Grammar**
Prerequisite(s): Eighteen hours of Spanish.

**SPAN 5303  Women Writing In Spanish America**
This course provides a comprehensive overview of Spanish American literature by women writers from diverse periods and geographic regions of Central and South America, Mexico, and the Caribbean. Concepts introduced include issues influencing women's roles in Spanish America, such as silencing, otherness, and mythical images of women leading to the formation of false identities. These notions and others are considered in relation to influential political and religious institutions often regarded as instruments of oppression. Prerequisite(s): 17 hours in Spanish and permission of the instructor.

**SPAN 5403  Contemporary Spanish American Drama**
This course introduces students to Spanish American dramatic works dating from approximately 1950 to the present. Among the topics to be explored are the concepts of socially-committed theater, political oppression, dehumanization, lack of communication, and the isolation of the individual from self and society. Prerequisite(s): 17 hours of Spanish and permission of the instructor.

**SPAN 5900  Practicum In Spanish**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

**SPAN 5910  Seminar / Special Topics**
Credit will vary from 1 to 4 hours. Subject matter will vary from within the department's field of study. May be repeated for credit up to four hours. Prerequisite(s): Eighteen hours of Spanish.

**SPAN 5930  Individual Study In Spanish**
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study. May be repeated for credit up to 4 hours.

**SPAN 5950  Internship In Spanish**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study. Supervised practical experience gained in a professional field by an advanced or graduate student.

**SPAN 5960  Institute In Spanish**
Credit will vary from 1 to 8 hours. Subject matter will vary within the department's field of study.

**SPAN 5970  Study Tour**
Credit will vary. Subject matter will vary within the department's field of study.

**SPAN 5990  Thesis**
Credit will vary from 1 to 6 hours. Subject matter will vary within the department's field of study.

**SPECIAL EDUCATION (SPED)**
Department of Special Services

**SPED 5000  Workshop In Special 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.

**SPED 5102  Language Development In Special Educ.**
This course will explore language acquisition, language development and components, communication progression, and recognition of non-symbolic communication. Language assessment, formal and informal language teaching strategies, remediation activities, and language service delivery models will be examined. Prerequisite(s):  SPED 4123.

**SPED 5123  Teaching Individuals w/Disabilities**
This course addresses special education categories of disabilities, related legal mandates, parent rights, and the role of general and special educators in meeting the needs of students with disabilities. Special emphasis is placed on instructional and cognitive strategies to assist these students to succeed.

**SPED 5212  Legal Aspects In Special Education**
This course seeks to explore issues relating to the needs and concerns of parents of exceptional individuals. A survey of current legal issues affecting the rights and responsibilities of individuals with exceptionalities, their parents and teachers will be discussed. Prerequisite(s):  SPED 4123.

**SPED 5232  Educational Strategies Young Child Disability**
Educational Strategies for Young Children with Disabilities is a study of the growth and development of typical and atypical young children. Included will be an identification of specific disabilities with selection of developmentally and functionally appropriate materials, equipment, environments, and teaching strategies. Prerequisite(s):  SPED 4123 or 5123.

**SPED 5242  Foundations Of Mild/Moderate Disability**
The Foundations of Mild/Moderate Disabilities course is designed to teach characteristics and etiology of disabilities including learning disabilities, mental retardation, emotional disturbance, other health impairment, autism, physical disabilities, etc. and to apply this knowledge to the mild/moderate needs of students with disabilities in educational settings. In addition, case studies and a variety of interventions will be explored to analyze and determine services needed. A research component will be required. Prerequisite(s):  SPED 4123.

**SPED 5242  Foundations Of Severe/Profound Disability**
The course is designed to assist students in developing proficiency in recognizing and understanding the historical, legal, and ethical history of children, preschool to secondary level, defined as needing extensive and ongoing supports. The content of this courses includes characteristics, roles, and interactions effects of and to friends, society and the family. Motoric, emotional, cognitive, social, behavioral, physical, and health causes will also be explored. Prerequisite(s):  SPED 4123.

**SPED 5303  Assessment/Exceptional Individual**
This lecture and application course is an in-depth examination of educational evaluation instruments and their purpose. Emphasis is on a unified team approach of differential diagnosis and treatment. State and federal Special Education assessment mandates for grades K-12 will be covered.
SPED 5322  Trends & Issues In Special Education
This course will address medical trends, litigation, legislation, controversial issues, curricular development and best practices in special education. It is designed to provide a means of investigation into the review of relevant research, societal changes and the impact on people included in this population. Prerequisite(s): SPED 4123 with a minimum grade of “C” or SPED 5123 with a minimum grade of “B”.

SPED 5402  Prog. Develop. & Admin. In Special Education
This course involves the examination of the social and psychological factors involved in program organization and management in special education. Focus will be on the factors affecting the establishment and operation of services for the exceptional student. Prerequisite(s): SPED 4722.

SPED 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 Management
This course is designed to provide behavioral and classroom management techniques for teacher candidates, parents, and therapists. The course emphasizes applied behavioral analysis, cognitive behavioral techniques, informal behavioral assessment, functional behavioral assessment, behavioral intervention plans, and a variety of interventions to change behaviors. Prerequisite(s): SPED 4123/5123 with a minimum grade of “B”.

SPED 5452  Curr Mod/Assist Tech In Special Educ.
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 4123/5123 with a minimum grade of “C”.

SPED 5543  Counseling Families of Indiv. with Disabil.
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.

SPED 5653  Proced for Mild/Mod. Learning Disabilities
This course examines the characteristics, identification, evaluation, program options, and learning needs of students who possess normal intelligence but experience difficulties in the ability to think, read, write, listen, speak, spell, and complete mathematical calculations. Prerequisite(s): SPED 4123.

SPED 5693  Proced. for Sev/Prof. Phy. Hlth Disabil.
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  Proced. for Mild/Mod. Emotional Behavior
A study of characteristics, problems of identification and educational programs for students with emotional disturbance and social maladjustment in public schools, day care centers, hospitals, and residential schools. Mental health principles for understanding, managing, and teaching emotionally disturbed children are included. Emphasis is placed upon the administrative provisions, theories of remediation, curriculum and materials utilized in prescriptive teaching. Prerequisite(s): SPED 4123.

SPED 5753  Proced. for 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/behavior disorders are included. Emphasis is placed upon the academic, behavioral, emotional, and social needs of this severe-profound disabilities population. Prerequisite(s): SPED 4123 or 5123.

SPED 5763  Proced. for Mild/Mod. Mental Retardation
This course will introduce and investigate the learning needs of children diagnosed with mild educational needs. It will include a study of the history, diagnosis, characteristics classification, ideology, legal regulations, and classroom procedures that are implemented to improve the lives of students classified as mildly mentally retarded. Prerequisite(s): SPED 4123.

SPED 5773  Proced. for Severe/Profound Mental Retard.
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. Development Mild/Moderate Disability
The course is designed to teach skills necessary to design a program for students functioning at mild/moderate levels of Emotional/Behavioral Disorder, Learning Disabled, and Mental Retardation, and Early Childhood Development Delays. he 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.


**Graduate Course Descriptions**

**SPED 5852  Curr. Develop. Severe/Profound Disability**  
This course will cover in detail integrated instructional settings, family interactions IEP, IFSP development, collaborative planning, effective behavioral supports, related services, functional independent living skills acquisition, cultural issues for children preschool to adulthood, who are taught in the public schools. A curriculum will be developed that is functional, relevant, and implemental. Prerequisite(s): SPED 4123 or 5123.

**SPED 5900  Practicum In Special Education**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**SPED 5910  Seminar / Special Topics**  
Credit will vary from 1 to 4 hours. Subject matter will vary within the department’s field of study.

**SPED 5930  Individual 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. Supervised practical experience gained in a professional field by an advanced or graduate student.

**SPED 5960  Institute In Special Education**  
Credit will vary from 1 to 8 hours. Subject matter will vary within the department’s field of study.

**SPED 5970  Study Tour**  
Credit will vary. Subject matter will vary within the department’s field of study.

**SPED 5990  Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.

---

**STATISTICS (STAT)**  
**Department of Mathematics and Statistics**

**STAT 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 polygonal 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 5990  Thesis**  
Credit will vary from 1 to 6 hours. Subject matter will vary within the department’s field of study.
TEACHING ENGLISH AS A SECOND LANGUAGE (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. of Bilingual/Multicultural Educ.
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. On completion, students will be able to discuss the issues concerning the development, the effectiveness, current trends, and future projections for bilingual/multicultural education programs in the U.S. Students will also develop a personal educational philosophy regarding cultural and linguistic diversity.

TESL 5133 Methods & Materials Bilingual Instruction
This course is designed to provide knowledge of current trends, methods, strategies and resources related to instructional issues and practices in bilingual settings. On completion, students will demonstrate proficiency in designing and adapting curriculum materials for bilingual classrooms, and planning and implementing bilingual instruction. Prerequisite(s): permission required.

TESL 5143 Teaching Reading to Engl. Lang. Learners
This course will examine the basic considerations for teaching reading to limited English speakers. Topics will include: the role and importance of literacy, assessment, readiness, language comprehension/skills development, and instructional materials, strategies and resources.

TESL 5163 ESL In Content Areas
This course will provide a rationale for cultural and linguistic considerations in content area instruction for students who are limited English proficient. Different approaches and specific techniques for teaching English as a second language in content areas will be examined, specifically in social studies, science, and math. Upon completion, students will demonstrate an ability to design curriculum which integrate content area processes and ESL methodology.

TESL 5212 Cultural/Linguistic Diversity In Schools
This course will examine the influence of culture and language on individual learning styles, behavior patterns and understanding of academic content. Theoretical and practical considerations for synthesizing multicultural curriculum design with language and concept development will be explored. Upon completion students will be able to utilize techniques and strategies that promote cross-cultural awareness and understanding and academic achievement for all students in multilingual, multicultural classrooms.

TESL 5313 Testing/Eval. In The Biling./ESL Classrm.
This course will examine the issues and concerns of language and achievement assessment in bilingual education and English as a second language programs. Various standardized test will be reviewed and analyzed. Principles and techniques of teacher-made test construction will be studied and applied in the development of an original assessment instrument. Upon completion students will prepare a professional quality assessment profile of an English language learner. Prerequisite(s): TESL 5783 or TESL 5143 or TESL 5163.

TESL 5413 Language Structure For ESL Teachers
This course provides practical as well as theoretical information related to the fundamentals of the structure of language as it pertains to the teaching and learning of English language learners in the school setting. Students will be able to apply their understanding of the underlying processes of the ability to produce and interpret oral and written language by developing and analyzing teaching strategies and materials for second language learners.

TESL 5763 Second Language Acquisition
This course will provide an extensive review of research and literature in the field of second language acquisition. Students will examine the developmental nature of second language proficiency and the various factors that influence the process.

TESL 5783 Teaching English as Second Language
This course provides the theoretical and practical foundations for teaching English as a second language. Upon completion, students will demonstrate a proficiency in utilizing ESL methodology, managing an ESL classroom and in developing and adapting supplementary materials for ESL instruction.

TESL 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.
Graduate Course Descriptions

THRT 5303  Global Theatre
This course surveys the theatrical traditions of global theatre in a variety of forms including realistic and not-realistic performances. The theatrical arts of various countries will be studied not only for their intrinsic value, but as key to understanding the cultural components which compose our global world. Prerequisite(s): Graduate standing.

THRT 5353  History Of Theatre Beginning -1660
This course provides the student with a comprehensive survey of the development, important 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  History Of Theatre 1660-Present
This course provides the student with a comprehensive survey of the development, important issues, prominent artists, and pivotal events in the history of the Theatre from 1660 until present. Students will conduct independent exploration into selected aspects of theatrical development. Prerequisite(s): Graduate standing.

THRT 5713  Play Production
This course is a study of the techniques and philosophies of directing plays in the contemporary theatre and emphasizes actual practice through the preparation and presentation of scenes from modern and classic plays, producing and directing a short play and preparing in-depth studies of modern professional theatre directors. Prerequisite(s): Graduate standing.

THRT 5900  Practicum In Theatre Arts
Credit will vary from 1 to 4 hours. Subject matter will vary within the department's field of study.

THRT 5910  Seminar / Special Topics
Credit will vary from 1 to 4 hours. Subject matter will vary from within the department's field of study.

THRT 5930  Individual 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.
Index
## Index

### A

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Honors</td>
<td>22</td>
</tr>
<tr>
<td>President’s Honor Roll</td>
<td>22</td>
</tr>
<tr>
<td>Academic Information</td>
<td></td>
</tr>
<tr>
<td>Academic Resources</td>
<td>10</td>
</tr>
<tr>
<td>Accreditation</td>
<td>10</td>
</tr>
<tr>
<td>Incomplete Grades</td>
<td>23</td>
</tr>
<tr>
<td>Repeating Courses</td>
<td>26</td>
</tr>
<tr>
<td>Academic Officers</td>
<td>8</td>
</tr>
<tr>
<td>Department Chairs</td>
<td>8</td>
</tr>
<tr>
<td>Graduate Council</td>
<td>8</td>
</tr>
<tr>
<td>Admission</td>
<td></td>
</tr>
<tr>
<td>Application for Graduate Admission</td>
<td>18</td>
</tr>
<tr>
<td>Conditional Status Admission</td>
<td>18</td>
</tr>
<tr>
<td>Deferring Admission</td>
<td>19</td>
</tr>
<tr>
<td>One Year Absence</td>
<td>19</td>
</tr>
<tr>
<td>Undergraduate Transcript Evaluation</td>
<td>18</td>
</tr>
<tr>
<td>Who Must Submit an Application?</td>
<td>18</td>
</tr>
<tr>
<td>Admissions</td>
<td></td>
</tr>
<tr>
<td>Required Application Materials</td>
<td>18</td>
</tr>
<tr>
<td>Admission to the Graduate College</td>
<td></td>
</tr>
<tr>
<td>Readmission</td>
<td>26</td>
</tr>
<tr>
<td>Residency</td>
<td>26</td>
</tr>
<tr>
<td>UCO Seniors</td>
<td>28</td>
</tr>
<tr>
<td>Adult Education (M.Ed.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>54</td>
</tr>
<tr>
<td>Advanced Standing Examinations</td>
<td>19</td>
</tr>
<tr>
<td>Advisement</td>
<td>19</td>
</tr>
<tr>
<td>Application for Graduation</td>
<td>22</td>
</tr>
<tr>
<td>Assistantships</td>
<td>34</td>
</tr>
<tr>
<td>Auditing Courses</td>
<td>19</td>
</tr>
<tr>
<td>Awards and Honors</td>
<td></td>
</tr>
<tr>
<td>E.C. Hall Graduate Award</td>
<td>22</td>
</tr>
<tr>
<td>President’s Honor Roll</td>
<td>22</td>
</tr>
</tbody>
</table>

### B

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bilingual Educ./TESL (M.Ed.)</td>
<td>58</td>
</tr>
<tr>
<td>program description</td>
<td>58</td>
</tr>
<tr>
<td>Biology (M.S.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>108</td>
</tr>
<tr>
<td>Business Admin. (MBA)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>50</td>
</tr>
</tbody>
</table>

### C

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus</td>
<td></td>
</tr>
<tr>
<td>Campus and Buildings</td>
<td>10</td>
</tr>
<tr>
<td>Certification Process</td>
<td></td>
</tr>
<tr>
<td>Reading Special. Cert.</td>
<td>86</td>
</tr>
<tr>
<td>School Counselor</td>
<td>87</td>
</tr>
<tr>
<td>School Principal</td>
<td>85</td>
</tr>
<tr>
<td>School Psychologist</td>
<td>88</td>
</tr>
<tr>
<td>School Psychometrist</td>
<td>89</td>
</tr>
<tr>
<td>Speech Lang. Pathologist</td>
<td>90</td>
</tr>
<tr>
<td>Teacher</td>
<td>80</td>
</tr>
<tr>
<td>Computer Labs</td>
<td>10</td>
</tr>
<tr>
<td>Continuous Enrollment</td>
<td>26</td>
</tr>
</tbody>
</table>

### D

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counseling Center</td>
<td>15</td>
</tr>
<tr>
<td>Course Descriptions (see also</td>
<td></td>
</tr>
<tr>
<td>Graduate Course Descriptions)</td>
<td>134</td>
</tr>
<tr>
<td>Course Limits</td>
<td></td>
</tr>
<tr>
<td>Course Load Limits</td>
<td>20</td>
</tr>
<tr>
<td>Intersession Courses</td>
<td>24</td>
</tr>
<tr>
<td>Credit Hour Requirements</td>
<td>20</td>
</tr>
<tr>
<td>Criminal Justice (M.A.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>92</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td></td>
</tr>
<tr>
<td>Application for Graduation</td>
<td>22</td>
</tr>
<tr>
<td>Changes in Requirements</td>
<td>19</td>
</tr>
<tr>
<td>Comprehensive Exams</td>
<td>19</td>
</tr>
<tr>
<td>Correspondence Courses</td>
<td>19</td>
</tr>
<tr>
<td>Entrance Exam Requirements</td>
<td></td>
</tr>
<tr>
<td>Programs requiring GRE</td>
<td>22</td>
</tr>
<tr>
<td>Grade Appeal Process</td>
<td>21</td>
</tr>
<tr>
<td>Grading System</td>
<td>20</td>
</tr>
<tr>
<td>Graduate Credit</td>
<td>21</td>
</tr>
<tr>
<td>Hours to Graduate</td>
<td>23</td>
</tr>
<tr>
<td>Non Degree Students</td>
<td>25</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>25</td>
</tr>
<tr>
<td>Program Changes</td>
<td>26</td>
</tr>
<tr>
<td>Time to completion</td>
<td>28</td>
</tr>
<tr>
<td>Transfer Credit</td>
<td>28</td>
</tr>
<tr>
<td>Workshop Credit</td>
<td>28</td>
</tr>
<tr>
<td>Degrees Offered</td>
<td>20</td>
</tr>
<tr>
<td>Design (M.F.A.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>42</td>
</tr>
<tr>
<td>Diplomas</td>
<td>20</td>
</tr>
</tbody>
</table>

### E

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Childhood Educ. (M.Ed.)</td>
<td>55</td>
</tr>
<tr>
<td>program description</td>
<td>55</td>
</tr>
<tr>
<td>Education Administration (M.Ed.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>60</td>
</tr>
<tr>
<td>Electronic Delivery of Courses</td>
<td>20</td>
</tr>
<tr>
<td>Elementary Educ. (M.Ed.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>61</td>
</tr>
<tr>
<td>Engineering Physics (M.S.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>110</td>
</tr>
<tr>
<td>English (M.A.)</td>
<td>94</td>
</tr>
<tr>
<td>20th &amp; 21st Century Studies</td>
<td>95</td>
</tr>
<tr>
<td>Composition &amp; Rhetoric</td>
<td>94</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>96</td>
</tr>
<tr>
<td>Teaching English as a Second Language (TESL)</td>
<td>97</td>
</tr>
<tr>
<td>Traditional Studies</td>
<td>98</td>
</tr>
<tr>
<td>English Language Proficiency</td>
<td>24</td>
</tr>
<tr>
<td>Enrollment</td>
<td>20</td>
</tr>
<tr>
<td>Entrance Exams</td>
<td></td>
</tr>
<tr>
<td>GMAT</td>
<td>21</td>
</tr>
<tr>
<td>GRE</td>
<td>22</td>
</tr>
<tr>
<td>Exceptions and Waivers</td>
<td>20</td>
</tr>
</tbody>
</table>
## Index

<table>
<thead>
<tr>
<th>External Grants</th>
<th>34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Policies</td>
<td>35</td>
</tr>
<tr>
<td>Indirect Costs</td>
<td>35</td>
</tr>
<tr>
<td>Routing Require-</td>
<td>34</td>
</tr>
<tr>
<td>Faculty Incentive Awards</td>
<td>35</td>
</tr>
<tr>
<td>Family &amp; Child Studies (M.S.)</td>
<td></td>
</tr>
<tr>
<td>Family Life Educator</td>
<td>62</td>
</tr>
<tr>
<td>Family Support Specialist</td>
<td>63</td>
</tr>
<tr>
<td>Licensed Marriage &amp; Family Therapist</td>
<td>62</td>
</tr>
<tr>
<td>program description</td>
<td>62</td>
</tr>
<tr>
<td>Family Educational Rights Act</td>
<td>10</td>
</tr>
<tr>
<td>Financial Aid for Graduate Students</td>
<td>11</td>
</tr>
<tr>
<td>Forensic Science (M.S.)</td>
<td></td>
</tr>
<tr>
<td>Criminalistics</td>
<td>113</td>
</tr>
<tr>
<td>Forensic Nursing</td>
<td>113</td>
</tr>
<tr>
<td>program description - all majors</td>
<td>112</td>
</tr>
<tr>
<td>Technical Investigations</td>
<td>113</td>
</tr>
<tr>
<td>GMAT Exam</td>
<td>21</td>
</tr>
<tr>
<td>Governance of JCGS&amp;R</td>
<td>30</td>
</tr>
<tr>
<td>Grade-point Average</td>
<td>21</td>
</tr>
<tr>
<td>Grade Appeal Process</td>
<td>21</td>
</tr>
<tr>
<td>Grading System</td>
<td>20</td>
</tr>
<tr>
<td>Incomplete Grades</td>
<td>23</td>
</tr>
<tr>
<td>Graduate Council</td>
<td>8, 31</td>
</tr>
<tr>
<td>Duties</td>
<td>31</td>
</tr>
<tr>
<td>Election</td>
<td>31</td>
</tr>
<tr>
<td>The Admissions and Retention Committee</td>
<td>32</td>
</tr>
<tr>
<td>The Curriculum Committee</td>
<td>32</td>
</tr>
<tr>
<td>The Graduate Executive Committee</td>
<td>32</td>
</tr>
<tr>
<td>The Membership Committee</td>
<td>32</td>
</tr>
<tr>
<td>Graduate Course Descriptions</td>
<td>134</td>
</tr>
<tr>
<td>Graduate Faculty</td>
<td>30</td>
</tr>
<tr>
<td>Associate Members</td>
<td>30</td>
</tr>
<tr>
<td>Duties</td>
<td>31</td>
</tr>
<tr>
<td>Full Members</td>
<td>30</td>
</tr>
<tr>
<td>Graduate Tuition Waivers</td>
<td>36</td>
</tr>
<tr>
<td>Graduation</td>
<td></td>
</tr>
<tr>
<td>Application for</td>
<td>22</td>
</tr>
<tr>
<td>Grants for Graduate Students</td>
<td></td>
</tr>
<tr>
<td>Student Creative Research Grants</td>
<td>26</td>
</tr>
<tr>
<td>GRE Exam</td>
<td>22</td>
</tr>
<tr>
<td>Guidance &amp; Counseling (M.Ed.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>64</td>
</tr>
<tr>
<td>History (M.A.)</td>
<td></td>
</tr>
<tr>
<td>Museum Studies</td>
<td>100</td>
</tr>
<tr>
<td>program description</td>
<td>99</td>
</tr>
<tr>
<td>Social Studies Teaching</td>
<td>100</td>
</tr>
<tr>
<td>Honors and Awards</td>
<td></td>
</tr>
<tr>
<td>E.C. Hall Graduate Award</td>
<td>22</td>
</tr>
<tr>
<td>Graduation with Honors</td>
<td>22</td>
</tr>
<tr>
<td>Outstanding Graduate Student</td>
<td>22</td>
</tr>
<tr>
<td>President’s Honor Roll</td>
<td>22</td>
</tr>
<tr>
<td>Hours to Graduate</td>
<td>23</td>
</tr>
<tr>
<td>I.D. Cards</td>
<td>13</td>
</tr>
<tr>
<td>In-Service Training</td>
<td>23</td>
</tr>
<tr>
<td>Individual Study &amp; Directed Reading</td>
<td>23</td>
</tr>
<tr>
<td>Information Technology</td>
<td>13</td>
</tr>
<tr>
<td>Institutional Animal Care</td>
<td>36</td>
</tr>
<tr>
<td>Institutional Review Board</td>
<td>36</td>
</tr>
<tr>
<td>Instructional Media</td>
<td></td>
</tr>
<tr>
<td>Applied Technology Major</td>
<td>66</td>
</tr>
<tr>
<td>Library Information Major</td>
<td>66</td>
</tr>
<tr>
<td>program description - all options</td>
<td>66</td>
</tr>
<tr>
<td>International Graduate Students</td>
<td></td>
</tr>
<tr>
<td>Admission Application Deadlines</td>
<td>23</td>
</tr>
<tr>
<td>English Language Proficiency</td>
<td>24</td>
</tr>
<tr>
<td>Enrollment</td>
<td>23</td>
</tr>
<tr>
<td>Non Degree Students</td>
<td>25</td>
</tr>
<tr>
<td>Undergraduate Transcript Evaluation</td>
<td>23</td>
</tr>
<tr>
<td>International Studies Program</td>
<td>103</td>
</tr>
<tr>
<td>Internship</td>
<td>24</td>
</tr>
<tr>
<td>Intersession Courses</td>
<td>24</td>
</tr>
<tr>
<td>Intra-University Grant Funding</td>
<td>38</td>
</tr>
<tr>
<td>Intra-University Research Funding</td>
<td>36</td>
</tr>
<tr>
<td>Faculty RCSA Pedagogical Grant Program</td>
<td>37</td>
</tr>
<tr>
<td>Faculty RCSA Presentation Grant Program</td>
<td>37</td>
</tr>
<tr>
<td>New Faculty Start-Up Grant Program</td>
<td>37</td>
</tr>
<tr>
<td>On-Campus Research Grant Program</td>
<td>37</td>
</tr>
<tr>
<td>Student RCSA Presentation Grant Program</td>
<td>37</td>
</tr>
<tr>
<td>Temporary, Full-Time Faculty Grant Program</td>
<td>37</td>
</tr>
<tr>
<td>Jazz Studies (M.M.)</td>
<td>46</td>
</tr>
<tr>
<td>Major in Commercial Music Production</td>
<td>48</td>
</tr>
<tr>
<td>Major in Performance</td>
<td>48</td>
</tr>
<tr>
<td>Liability and Responsibility</td>
<td>13</td>
</tr>
<tr>
<td>Living Accommodations</td>
<td>14</td>
</tr>
<tr>
<td>Location</td>
<td>15</td>
</tr>
<tr>
<td>Mathematics (M.S.)</td>
<td></td>
</tr>
<tr>
<td>program description - all majors</td>
<td>106</td>
</tr>
<tr>
<td>Mixed Enrollment</td>
<td>28</td>
</tr>
<tr>
<td>Mixed Enrollments</td>
<td>28</td>
</tr>
<tr>
<td>Multicultural Student Services</td>
<td>15</td>
</tr>
<tr>
<td>Music (M.M.)</td>
<td></td>
</tr>
<tr>
<td>program description</td>
<td>44</td>
</tr>
<tr>
<td>New Graduate Programs</td>
<td>25</td>
</tr>
<tr>
<td>Non-Degree Students</td>
<td>25</td>
</tr>
</tbody>
</table>
# Index

<table>
<thead>
<tr>
<th>Nutrition and Food Management</th>
<th>program description 67</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>..................................................</td>
</tr>
<tr>
<td>On-Campus Research Grants</td>
<td>..................................................</td>
</tr>
<tr>
<td>Interdisciplinary Grants 37</td>
<td>..................................................</td>
</tr>
<tr>
<td>Interdisciplinary Planning Grants 37</td>
<td>..................................................</td>
</tr>
<tr>
<td>Mini Grants 37</td>
<td>..................................................</td>
</tr>
<tr>
<td>Proposal Evaluation Procedure 38</td>
<td>..................................................</td>
</tr>
<tr>
<td>Regular Grants 37</td>
<td>..................................................</td>
</tr>
<tr>
<td>On-Campus Research Grant Program 37</td>
<td>..................................................</td>
</tr>
<tr>
<td>P</td>
<td>..................................................</td>
</tr>
<tr>
<td>Parking 15</td>
<td>..................................................</td>
</tr>
<tr>
<td>Political Science (M.A.)</td>
<td>..................................................</td>
</tr>
<tr>
<td>General Political Science Major 102</td>
<td>..................................................</td>
</tr>
<tr>
<td>International Affairs Major 102</td>
<td>..................................................</td>
</tr>
<tr>
<td>program description 101</td>
<td>..................................................</td>
</tr>
<tr>
<td>Public Administration Major 102</td>
<td>..................................................</td>
</tr>
<tr>
<td>Prerequisites 25</td>
<td>..................................................</td>
</tr>
<tr>
<td>President's Honor Roll 22</td>
<td>..................................................</td>
</tr>
<tr>
<td>Probation and Suspension 25</td>
<td>..................................................</td>
</tr>
<tr>
<td>Professional Health Occupations</td>
<td>..................................................</td>
</tr>
<tr>
<td>program descriptions 69</td>
<td>..................................................</td>
</tr>
<tr>
<td>Program Changes 26</td>
<td>..................................................</td>
</tr>
<tr>
<td>Psychology (M.A.)</td>
<td>..................................................</td>
</tr>
<tr>
<td>Counseling Major</td>
<td>..................................................</td>
</tr>
<tr>
<td>Program Requirements 71</td>
<td>..................................................</td>
</tr>
<tr>
<td>Experimental Major</td>
<td>..................................................</td>
</tr>
<tr>
<td>Program Requirements 70</td>
<td>..................................................</td>
</tr>
<tr>
<td>General Psych Major</td>
<td>..................................................</td>
</tr>
<tr>
<td>Program Requirements 71</td>
<td>..................................................</td>
</tr>
<tr>
<td>Program Description - all majors</td>
<td>..................................................</td>
</tr>
<tr>
<td>common requirements 70</td>
<td>..................................................</td>
</tr>
<tr>
<td>School Psychology</td>
<td>..................................................</td>
</tr>
<tr>
<td>Program Requirements 71</td>
<td>..................................................</td>
</tr>
<tr>
<td>R</td>
<td>..................................................</td>
</tr>
<tr>
<td>Reading (M.Ed.)</td>
<td>..................................................</td>
</tr>
<tr>
<td>program description 73</td>
<td>..................................................</td>
</tr>
<tr>
<td>Readmission 26</td>
<td>..................................................</td>
</tr>
<tr>
<td>Repeating Courses 26</td>
<td>..................................................</td>
</tr>
<tr>
<td>Research, Creative &amp; Scholarly Activities 34</td>
<td>..................................................</td>
</tr>
<tr>
<td>Research Advisory Council 32, 38</td>
<td>..................................................</td>
</tr>
<tr>
<td>Duties 32, 38</td>
<td>..................................................</td>
</tr>
<tr>
<td>Resident Status 26</td>
<td>..................................................</td>
</tr>
<tr>
<td>Role of the Graduate College 30</td>
<td>..................................................</td>
</tr>
<tr>
<td>S</td>
<td>..................................................</td>
</tr>
<tr>
<td>Scholarships 15</td>
<td>..................................................</td>
</tr>
<tr>
<td>Secondary Education (M.Ed.)</td>
<td>..................................................</td>
</tr>
<tr>
<td>program description 57</td>
<td>..................................................</td>
</tr>
<tr>
<td>Second Master’s Degree 26</td>
<td>..................................................</td>
</tr>
<tr>
<td>Seniors Taking Graduate Credit 28</td>
<td>..................................................</td>
</tr>
<tr>
<td>Special Education - (all options)</td>
<td>..................................................</td>
</tr>
<tr>
<td>Speech Language Pathology (M.S.)</td>
<td>program description 75</td>
</tr>
<tr>
<td>Statement of Administrative Policy, UCO 7</td>
<td>..................................................</td>
</tr>
<tr>
<td>Student Services</td>
<td>..................................................</td>
</tr>
<tr>
<td>Academic Resources 10</td>
<td>..................................................</td>
</tr>
<tr>
<td>Counseling Center 15</td>
<td>..................................................</td>
</tr>
<tr>
<td>Multicultural Student Services 15</td>
<td>..................................................</td>
</tr>
<tr>
<td>Students with Disabilities 16</td>
<td>..................................................</td>
</tr>
<tr>
<td>Transcripts 16</td>
<td>..................................................</td>
</tr>
<tr>
<td>Veteran Assistance 16</td>
<td>..................................................</td>
</tr>
<tr>
<td>Vocational Rehabilitation 16</td>
<td>..................................................</td>
</tr>
<tr>
<td>Writing Center 15</td>
<td>..................................................</td>
</tr>
<tr>
<td>Suspension 25</td>
<td>..................................................</td>
</tr>
<tr>
<td>T</td>
<td>..................................................</td>
</tr>
<tr>
<td>Teacher Certification 80</td>
<td>..................................................</td>
</tr>
<tr>
<td>Teacher Certification Information</td>
<td>..................................................</td>
</tr>
<tr>
<td>Residence Requirement 81</td>
<td>..................................................</td>
</tr>
<tr>
<td>Thesis Information 26</td>
<td>..................................................</td>
</tr>
<tr>
<td>Public Thesis Defense 27</td>
<td>..................................................</td>
</tr>
<tr>
<td>Student Copies 27</td>
<td>..................................................</td>
</tr>
<tr>
<td>Submission Requirements for Theses 27</td>
<td>..................................................</td>
</tr>
<tr>
<td>Thesis Committee 26</td>
<td>..................................................</td>
</tr>
<tr>
<td>Thesis Costs 27</td>
<td>..................................................</td>
</tr>
<tr>
<td>Thesis Grading 27</td>
<td>..................................................</td>
</tr>
<tr>
<td>Thesis Hours 27</td>
<td>..................................................</td>
</tr>
<tr>
<td>Timing of Thesis 27</td>
<td>..................................................</td>
</tr>
<tr>
<td>Time to Degree 28</td>
<td>..................................................</td>
</tr>
<tr>
<td>Transcripts 16</td>
<td>..................................................</td>
</tr>
<tr>
<td>Transcript with Degree Posted 28</td>
<td>..................................................</td>
</tr>
<tr>
<td>Transfer Credits 28</td>
<td>..................................................</td>
</tr>
<tr>
<td>Tuition Costs 12</td>
<td>..................................................</td>
</tr>
<tr>
<td>Tuition Waivers 36</td>
<td>..................................................</td>
</tr>
<tr>
<td>U</td>
<td>..................................................</td>
</tr>
<tr>
<td>UCO Presidents 7</td>
<td>..................................................</td>
</tr>
<tr>
<td>Undergrad RCSA 39</td>
<td>..................................................</td>
</tr>
<tr>
<td>Hauptman Fellowship Awards 39</td>
<td>..................................................</td>
</tr>
<tr>
<td>Research Assistantships 39</td>
<td>..................................................</td>
</tr>
<tr>
<td>SURE-STEP 39</td>
<td>..................................................</td>
</tr>
<tr>
<td>Undergraduate Team 39</td>
<td>..................................................</td>
</tr>
<tr>
<td>Vanderford Faculty Award 39</td>
<td>..................................................</td>
</tr>
<tr>
<td>Undergradutes Taking Graduate Credit 28</td>
<td>..................................................</td>
</tr>
<tr>
<td>V</td>
<td>..................................................</td>
</tr>
<tr>
<td>Veteran Assistance 16</td>
<td>..................................................</td>
</tr>
<tr>
<td>Vocational Rehabilitation 16</td>
<td>..................................................</td>
</tr>
<tr>
<td>W</td>
<td>..................................................</td>
</tr>
<tr>
<td>Wellness Management (M.S.)</td>
<td>..................................................</td>
</tr>
<tr>
<td>Exercise Science Major 77</td>
<td>..................................................</td>
</tr>
<tr>
<td>Health Studies Major 77</td>
<td>..................................................</td>
</tr>
<tr>
<td>program descriptions 76</td>
<td>..................................................</td>
</tr>
<tr>
<td>Workshop Credit 28</td>
<td>..................................................</td>
</tr>
</tbody>
</table>