## Table of Contents

**GRADUATE CATALOG 2019-20** .................................................................................................................................................. 0

- TABLE OF CONTENTS .......................................................................................................................................................... 1
- CURRICULAR CHANGES .................................................................................................................................................... 4
- FEE STRUCTURE .................................................................................................................................................................. 4
- DIRECTORY OF GRADUATE PROGRAMS AND CONTACT PERSONS ......................................................................................... 5
- UNIVERSITY AND PROGRAM ACCREDITATIONS .................................................................................................................. 5
- AMERICANS WITH DISABILITIES ACT AMENDMENTS ACT .................................................................................................. 7
- AFFIRMATIVE ACTION COMPLIANCE STATEMENT ............................................................................................................. 7
- ABOUT THE UNIVERSITY ..................................................................................................................................................... 8
- MISSION, VALUES AND VISION ........................................................................................................................................... 9
  - Mission Statement ............................................................................................................................................................... 9
  - Values Statement ............................................................................................................................................................... 9
  - Vision Statement .............................................................................................................................................................. 10
- EXECUTIVE, ADMINISTRATIVE, AND ACADEMIC OFFICERS ............................................................................................... 11
  - Executive Officers ........................................................................................................................................................... 11
  - Academic Officers .......................................................................................................................................................... 11
  - Administrative and Professional Staff .............................................................................................................................. 11
- DEANS, ASSOCIATE DEANS, AND DEPARTMENT CHAIRS ................................................................................................. 12
  - College of Arts and Sciences ........................................................................................................................................... 12
  - College of Professional and Graduate Studies ................................................................................................................ 12
  - College of Pharmacy ......................................................................................................................................................... 12
- GRADUATE COUNCIL ............................................................................................................................................................ 13
- UNIVERSITY INFORMATION .................................................................................................................................................. 14
  - Research Facilities ............................................................................................................................................................. 14
  - Financial Services ............................................................................................................................................................. 14
  - Veterans Affairs ............................................................................................................................................................... 14
  - Housing and Food Service ................................................................................................................................................ 14
  - Admission Policy ........................................................................................................................................................... 14
  - Tuition and Fees .............................................................................................................................................................. 15
  - Special Fees ................................................................................................................................................................. 15
  - Refunds ............................................................................................................................................................................ 15
  - Schedule Adjustments (DROP) – ........................................................................................................................................ 16
  - Placement Services ........................................................................................................................................................ 16
  - Release of Information .................................................................................................................................................... 16
- ACADEMIC AND ADMISSION POLICIES ........................................................................................................................... 17
- Admission to Graduate Degree Program ................................................................................................................................ 17
- GENERAL INFORMATION ................................................................................................................................................... 18
- Seniors and Graduate Study ........................................................................................................................................... 18
- Graduate Tuition Waiver .................................................................................................................................................. 18
Advisement and Enrollment ................................................................................................................................. 18
Academic Load ........................................................................................................................................................ 18
Course Numbering .................................................................................................................................................. 19
Grading System ...................................................................................................................................................... 19
Retention ................................................................................................................................................................. 20
Transfer of Credits ................................................................................................................................................. 20
Unclassified Graduate Students ............................................................................................................................ 20
Degree Completion Time ....................................................................................................................................... 20
Individual Study/Directed Reading .......................................................................................................................... 21
Candidacy for the Master’s and Specialist in Education Degree ............................................................................. 21
Application for Graduation ................................................................................................................................... 21
GRADUATE PROGRAM CHECKLIST ....................................................................................................................... 22
PROGRAMS OF STUDY ............................................................................................................................................. 24
ART -- Master of Education in Education ............................................................................................................. 24
BIOMEDICAL SCIENCE & MICROBIOLOGY - Master of Education in Education .................................................... 25
BUSINESS ADMINISTRATION - Master of Business Administration ...................................................................... 26
CLASSROOM TEACHING - Master of Education in Education ................................................................................ 30
COMMUNITY COUNSELING - Master of Science ................................................................................................. 31
EARLY CHILDHOOD EDUCATION - Master of Education .................................................................................... 33
EDUCATION ADMINISTRATION - Master of Education ........................................................................................ 34
ELEMENTARY EDUCATION - Master of Education ............................................................................................... 36
HEALTH AND PHYSICAL EDUCATION - Master of Education ............................................................................ 38
HEALTHCARE INFORMATION MANAGEMENT - Master of Science ................................................................. 40
INSTRUCTIONAL COACHING - Master of Education in Education ...................................................................... 42
LICENSED PROFESSIONAL COUNSELOR (LPC) Curriculum Program ................................................................ 43
MANAGEMENT - Master of Science ....................................................................................................................... 46
MATHEMATICS - Master of Education in Education ............................................................................................ 51
Master of Music Degree Information ..................................................................................................................... 52
MUSIC EDUCATION (CHORAL) - Master of Music .............................................................................................. 54
MUSIC EDUCATION (INSTRUMENTAL) - Master of Music .................................................................................. 55
MUSIC PERFORMANCE - Master of Music ............................................................................................................... 56
MUSIC THERAPY - Master of Music ...................................................................................................................... 57
NATURAL SCIENCES - Master of Education in Education ..................................................................................... 58
NURSING - Master of Science .............................................................................................................................. 59
PARKS AND RECREATION MANAGEMENT - Master of Education in Education .................................................... 61
READING SPECIALIST - Master of Education in Education .................................................................................. 63
Curricular Changes

The University reserves the right to recommend changes in curricula, degree requirements, course offerings, and all academic regulations at any time. All changes must be approved by the Regional University System of Oklahoma (RUSO) and the Oklahoma State Regents for Higher Education. Certain program modifications reflected in this publication are pending approval.

The official graduate catalog may be found on the Southwestern Oklahoma State University Website: SWOSU website.

Fee Structure

Fees listed in this catalog are those in effect at the time of publication and are subject to change. The current tuition/fee schedule may be viewed at SWOSU website tuition page.
<table>
<thead>
<tr>
<th>Program</th>
<th>Coordinator</th>
<th>Office</th>
<th>Telephone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>Ms. Marsha Carman</td>
<td>ART 212</td>
<td>(580) 774-7112</td>
<td><a href="mailto:marsha.carman@swosu.edu">marsha.carman@swosu.edu</a></td>
</tr>
<tr>
<td>Biomedical Sciences &amp; Microbiology</td>
<td>Dr. Zach Jones</td>
<td>SCI 214</td>
<td>(580) 774-3294</td>
<td><a href="mailto:zach.jones@swosu.edu">zach.jones@swosu.edu</a></td>
</tr>
<tr>
<td>Business Administration</td>
<td>Ms. Jonna Myers</td>
<td>STF 354</td>
<td>(580) 774-7186</td>
<td><a href="mailto:jonna.myers@swosu.edu">jonna.myers@swosu.edu</a></td>
</tr>
<tr>
<td>Classroom Teaching</td>
<td>Mr. Ed Klein</td>
<td>EDU 102</td>
<td>(580) 774-3196</td>
<td><a href="mailto:ed.klein@swosu.edu">ed.klein@swosu.edu</a></td>
</tr>
<tr>
<td>Community Counseling</td>
<td>Dr. Amy Barnett</td>
<td>HEC 122</td>
<td>(580) 774-3154</td>
<td><a href="mailto:amy.barnett@swosu.edu">amy.barnett@swosu.edu</a></td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>Ms. Marla Pankratz</td>
<td>EDU 120C</td>
<td>(580) 774-3277</td>
<td><a href="mailto:marla.pankratz@swosu.edu">marla.pankratz@swosu.edu</a></td>
</tr>
<tr>
<td>Educational Administration</td>
<td>Mr. Andy North</td>
<td>EDU 200</td>
<td>(580) 774-3158</td>
<td><a href="mailto:andy.north@swosu.edu">andy.north@swosu.edu</a></td>
</tr>
<tr>
<td>Elementary Education</td>
<td>Mr. Ed Klein</td>
<td>EDU 102</td>
<td>(580) 774-3143</td>
<td><a href="mailto:ed.klein@swosu.edu">ed.klein@swosu.edu</a></td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td>Mr. Bo Pagliasotti</td>
<td>HPE 10</td>
<td>(580) 774-7089</td>
<td><a href="mailto:bo.pagliasotti@swosu.edu">bo.pagliasotti@swosu.edu</a></td>
</tr>
<tr>
<td>Health Information Management</td>
<td>Ms. Dana Lloyd</td>
<td>SCI 202B</td>
<td>(580) 774-7149</td>
<td><a href="mailto:dana.lloyd@swosu.edu">dana.lloyd@swosu.edu</a></td>
</tr>
<tr>
<td>Instructional Coaching</td>
<td>Mr. Ed Klein</td>
<td>EDU 102</td>
<td>(580) 774-3196</td>
<td><a href="mailto:ed.klein@swosu.edu">ed.klein@swosu.edu</a></td>
</tr>
<tr>
<td>Licensed Professional Counselor</td>
<td>Dr. Amy Barnett</td>
<td>HEC 122</td>
<td>(580) 774-3154</td>
<td><a href="mailto:amy.barnett@swosu.edu">amy.barnett@swosu.edu</a></td>
</tr>
<tr>
<td>Management</td>
<td>Ms. Jonna Myers</td>
<td>STF 354</td>
<td>(580) 774-7186</td>
<td><a href="mailto:jonna.myers@swosu.edu">jonna.myers@swosu.edu</a></td>
</tr>
<tr>
<td>Mathematics</td>
<td>Dr. Tom McNamara</td>
<td>CAM 309F</td>
<td>(580) 774-3058</td>
<td><a href="mailto:thomas.mcnamara@swosu.edu">thomas.mcnamara@swosu.edu</a></td>
</tr>
<tr>
<td>Music</td>
<td>Dr. Richard Tirk</td>
<td>BM H105</td>
<td>(580) 774-3772</td>
<td><a href="mailto:richard.tirk@swosu.edu">richard.tirk@swosu.edu</a></td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>Dr. Lisa Boggs</td>
<td>SCI 307A</td>
<td>(580) 774-3090</td>
<td><a href="mailto:lisa.boggs@swosu.edu">lisa.boggs@swosu.edu</a></td>
</tr>
<tr>
<td>Nursing</td>
<td>Dr. Angela Gore</td>
<td>PAR 124A</td>
<td>(580) 774-3178</td>
<td><a href="mailto:angela.gore@swosu.edu">angela.gore@swosu.edu</a></td>
</tr>
<tr>
<td>Parks and Recreation Management</td>
<td>Mr. Ryan Haggard</td>
<td>EDU 121</td>
<td>(580) 774-7191</td>
<td><a href="mailto:ryan.haggard@swosu.edu">ryan.haggard@swosu.edu</a></td>
</tr>
<tr>
<td>Reading Specialist</td>
<td>Mr. Dana Oliver</td>
<td>EDU 118B</td>
<td>(580) 774-3276</td>
<td><a href="mailto:dana.oliver@swosu.edu">dana.oliver@swosu.edu</a></td>
</tr>
<tr>
<td>School Counseling</td>
<td>Ms. Dawn Keller</td>
<td>HEC 120</td>
<td>(580) 774-3033</td>
<td><a href="mailto:dawn.keller@swosu.edu">dawn.keller@swosu.edu</a></td>
</tr>
<tr>
<td>School Psychology</td>
<td>Dr. Robin Sobansky</td>
<td>HEC 200</td>
<td>(580) 774-3722</td>
<td><a href="mailto:robin.sobansky@swosu.edu">robin.sobansky@swosu.edu</a></td>
</tr>
<tr>
<td>School Psychometry</td>
<td>Dr. Amy Barnett</td>
<td>HEC 122</td>
<td>(580) 774-3154</td>
<td><a href="mailto:amy.barnett@swosu.edu">amy.barnett@swosu.edu</a></td>
</tr>
<tr>
<td>Social Sciences</td>
<td>Dr. John Hayden</td>
<td>SCI 201A</td>
<td>(580) 774-7072</td>
<td><a href="mailto:john.hayden@swosu.edu">john.hayden@swosu.edu</a></td>
</tr>
<tr>
<td>Special Education</td>
<td>Mr. Ed Klein</td>
<td>EDU 102</td>
<td>(580) 774-3196</td>
<td><a href="mailto:ed.klein@swosu.edu">ed.klein@swosu.edu</a></td>
</tr>
<tr>
<td>Sports Management</td>
<td>Mr. Bo Pagliasotti</td>
<td>HPE 40</td>
<td>(580) 774-7089</td>
<td><a href="mailto:bo.pagliasotti@swosu.edu">bo.pagliasotti@swosu.edu</a></td>
</tr>
<tr>
<td>ACCREDITING ORGANIZATION</td>
<td>Phone Number/Fax Number/Web site/E-mail Address</td>
<td>Address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------------------------------------------</td>
<td>---------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accreditation Council for Pharmacy Education (ACPE)</td>
<td>Phone: (312) 664-3575  FAX: (312) 664-4652  ACPE website</td>
<td>20 North Clark Street, Suite 2500  Chicago, Illinois 60602-5109</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accreditation Council for Occupational Therapy Education (ACOTE)</td>
<td>Phone: (301) 652-2682  FAX: (301) 652-7711  AOTA website</td>
<td>P.O. Box 31220  Bethesda, Maryland 20824-1220</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accrediting Bureau of Health Education Schools (ABHES)</td>
<td>Phone: (703) 917-9503  ABHES website</td>
<td>7777 Leesburg Pike, Suite 730  Falls Church, Virginia 22043</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Chemical Society (ACS) Committee on Professional Training</td>
<td>Phone: (202) 872-4589  FAX: (202) 872-6066  ACS website</td>
<td>1155 16th Street, N.W.  Washington, D.C. 20036</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Music Therapy Association, Inc. (AMTA)</td>
<td>Phone: (301) 589-3300  FAX: (301) 589-5175  AMTA website</td>
<td>8455 Colesville Road  Suite 1000  Silver Spring, Maryland 20910</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Association of Technology, Management and Applied Engineering (ATMAE)</td>
<td>Phone: (630) 433-4514  FAX: (630) 563-9181  ATMAE website</td>
<td>275 N. York Street, Suite 401  Elmhurst, Illinois 60126</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)</td>
<td>Phone: (312) 233-1183  CAHIIM website</td>
<td>233 North Michigan Avenue  Chicago, Illinois 60601-2208</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commission on Accreditation in Physical Therapy Education (CAPTE)</td>
<td>Phone: (703) 684-APTA (2782)  FAX: (703) 684-7343  APTA website</td>
<td>1111 North Fairfax Street  Alexandria, Virginia 22314</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Assembly for Collegiate Business Education (IACBE)</td>
<td>Phone: (913) 631-3009  FAX: (913) 631-9154  IACBE website</td>
<td>P.O. Box 25217  Overland Park, Kansas 66225</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accreditation Council for Business Schools and Programs (ACBSP)</td>
<td>Phone: (913) 631-3009  FAX: (913) 631-9154  ACBSP website</td>
<td>P.O. Box 25217  Overland Park, Kansas 66225</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joint Review Committee on Education in Radiologic Technology (JRCERT)</td>
<td>Phone: (312) 704-5300  FAX: (312) 704-5304  JRCERT website</td>
<td>20 North Wacker Drive, Suite 900  Chicago, Illinois 60606-2901</td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Association of Schools of Music (NASM)</td>
<td>Phone: (703) 437-0700  FAX: (703) 437-6312  NASM website</td>
<td>11250 Roger Bacon Drive, Suite 21  Reston, Virginia 20190</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Council for the Accreditation of Educator Preparation (CAEP)</td>
<td>Phone: (202) 223-0077  CAEP website</td>
<td>1140 19th Street, N.W. Suite 400  Washington, D.C. 20036</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accreditation Commission for Education in Nursing, Inc. (ACEN)</td>
<td>Phone: (404) 975-5000  FAX: (404) 975-5020  ACEN website</td>
<td>3343 Peachtree Road NE, Suite 850  Atlanta, Georgia 30326</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oklahoma Board of Nursing</td>
<td>Phone: (405) 962-1800  FAX: (405) 962-1821  OBN website</td>
<td>2915 N. Classen Boulevard, Suite 524  Oklahoma City, Oklahoma 73106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oklahoma Commission for Teacher Preparation (OCTP)</td>
<td>Phone: (405) 525-2612  FAX: (405) 525-0373  OCTP website</td>
<td>4545 N. Lincoln Blvd., Suite 275  Oklahoma City, Oklahoma 73105-3418</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oklahoma Council on Law Enforcement, Education and Training (CLEET)</td>
<td>Phone: (405) 239-5100  FAX: (505) 310-9143  CLEET website</td>
<td>2401 Egypt Road  Ada, Oklahoma 74820-0669</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oklahoma State Regents for Higher Education (OSRHE)</td>
<td>Phone: (405) 225-9100  FAX: (405) 225-9235  OSRHE website</td>
<td>655 Research Parkway, Suite 200  Oklahoma City, Oklahoma 73104</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering Technology Accreditation Commission (ETAC) of the Accreditation Board for Engineering and Technology (ABET)</td>
<td>Phone: (410) 347-7700  FAX: (410) 625-2238  ABET website</td>
<td>415 North Charles Street  Baltimore, Maryland 21201</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Higher Learning Commission (HLC) of North Central Association of Colleges and Secondary Schools (NCA)</td>
<td>Phone: (800) 621-7440  FAX: (312) 263-7462  HLC website</td>
<td>230 South LaSalle Street, Suite 7-500  Chicago, Illinois 60604</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Americans With Disabilities Act Amendments Act

The Americans with Disabilities Act Amendments Act (ADAAA) requires the provision of "reasonable accommodations" to those qualified individuals with disabilities by providing equal, non-discriminatory program access in the academic setting.

Students need to take the verifying documentation to the Dean of Students Office, where it will be kept confidential and private to the extent possible. In most cases, verifying documents can be obtained from doctors, licensed psychologists or other professionals licensed to determine the existence, severity of and characteristics of the disability or disabilities. This documentation should include the functional impact of the disability or disabilities. It is the student's responsibility to request documentation from such professionals, and to request a record of accommodations received at any other educational institution. Appropriate documentation for learning disabilities should be provided with adult norms; typically assessment during high school years will meet this requirement. If accommodations are needed by the student, the student should provide the information and documentation in a reasonably early manner after admission to allow time for the development and arrangement of appropriate accommodations. In some cases, as when books on tape or sign language interpreters need to be requested, documentation should be provided several weeks prior to the beginning of each semester so accommodation arrangements can be made in a timely manner. A copy of Southwestern Oklahoma State University's documentation guidelines are on the Dean of Students' website or office, room 214, Gen. Thomas P. Stafford Center, (580) 774-3767.

Affirmative Action Compliance Statement

Southwestern Oklahoma State University in compliance with Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, Section 402 of the Readjustment Assistance Act of 1974, Americans With Disabilities Act Amendments Act of 2009, and other Federal laws and regulations does not discriminate on the basis of race, color, national origin, sex, age, religion, disability, sexual orientation, genetic information, or status as a veteran in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial assistance, and educational service.
About The University

HISTORICAL BACKGROUND
Southwestern Oklahoma State University is located conveniently just off of I-40, an important interstate route. SWOSU is authorized to offer curricula in arts and sciences, business, teacher education, and health sciences. The additional location at Sayre, also off I-40, is authorized to provide Associate of Science and Associate of Applied Science degrees in both general and specialized areas of study, as well as career and technical education.

SWOSU was established by an act of the Oklahoma Territorial Legislature in 1901 as the Southwestern Normal School, authorized to offer two years of training for public school teachers. The first classes met in 1903. Initially, four years of preparatory work for pre-college students were offered.

In 1920, the preparatory (academy) courses were eliminated and two additional years of college work in teacher training were added. The State Legislature approved a change of name to Southwestern State Teachers College. The first baccalaureate degrees were awarded in May 1921. Other changes in name and purposes occurred in 1939 when the institution was designated as Southwestern State College of Diversified Occupations, and in 1941, when it became Southwestern Institute of Technology. During this two-year period, the college added a school of pharmacy, degree work in the arts and sciences, and trade schools.

In 1949, the Oklahoma State Legislature changed the name of the institution to Southwestern State College, and in 1974, to Southwestern Oklahoma State University, without altering its purposes and objectives. On July 1, 1987, Sayre Junior College was merged with Southwestern Oklahoma State University as a branch campus designated Southwestern Oklahoma State University at Sayre.
Southwestern Oklahoma State University at Sayre was founded as Sayre Junior College in 1938 under legislative authorization which permitted public high schools to add a 13th and 14th year of study to their curricula. Nineteen public schools took this step. In 1940, the college name was changed to Oklahoma Western Junior College; however, the original name was soon adopted again, and in May 1940 the first degrees were conferred. In 1956, Sayre Junior College moved from facilities occupied jointly with Sayre High School to its present location on old Highway 66. The merger with Southwestern Oklahoma State University marked the end of the Oklahoma community college system, since Sayre Junior College was the only such institution remaining of the original nineteen.

The Sayre campus is located 60 miles west of Weatherford. Its primary service area is western Oklahoma. It offers open admission to high school graduates as well as to students who do not hold a high school diploma.

Southwestern Oklahoma State University offers nine graduate degrees. The Master of Teaching Degree was offered during the period 1953-1969. The Master of Education degree was inaugurated in 1969. Graduate programs leading to the following degrees have been added since 1969: Master of Business Administration, 1977; Master of Music, 1981; the professional doctorate, the Doctor of Pharmacy (PharmD), 1998; the Master of Science in Management, 2007; the Master of Science in Community Counseling, 2009; the Master of Science in Healthcare Informatics and Information Management, 2014; the Specialist in Education (Ed.S.), 2015; and the Master of Science in Nursing in 2016.

MISSION, VALUES AND VISION

Southwestern Oklahoma State University is one of twenty-five institutions in the Oklahoma State System of Higher Education (Oklahoma Constitution, Article XIII-A, Section 1). The Oklahoma State Regents for Higher Education is the legal structure for public education at the collegiate level and is the coordinating board of all state institutions for higher education. Southwestern is one of six state-supported regional universities governed by the Regional University System of Oklahoma. Southwestern Oklahoma State University provides access to higher education for all individuals without discrimination on the basis of race, national origin, gender, or disability status.

Mission Statement
Southwestern Oklahoma State University supports students and community through its integration of effective teaching, scholarly and creative endeavors, and civic engagement.

Values Statement
In pursuing the university’s mission, SWOSU faculty and staff are guided by a shared commitment to:
1. **students**, by providing high-quality instruction, involvement, services, scholarly endeavors, creative activities, and service learning.
2. **achievement**, by establishing a foundation for student success.
3. **knowledge**, by pursuing the exchange of ideas, research, and leadership for the public good.
4. **respect**, by fostering a safe, healthy, and diverse intellectual, cultural, and social environment that encourages emotional well-being.

**Vision Statement**

SWOSU will foster an inclusive environment that inspires intellectual excellence, responsible citizenship, professional development, and personal growth.
Executive, Administrative, and Academic Officers

Executive Officers
Randy Beutler; B.A., M.Ed., J.D.................................................................President
James South; B.M.Ed., M.M., D.M.A...........................................Vice President for Academic Affairs & Provost
Brenda Burgess; B.S., M.B.A., CGFM...........................................Vice President for Administration & Finance
Brian Adler, B.A..............................................................................Vice President of Public Relations & Marketing
Ruth Boyd; B.S., M.B.A., Ph.D..............................................................Vice President for Student Affairs
David Misak, B.S., M.B.A. .............. Asst. Vice President for Human Resources & Affirmative Action Officer
Joel Kendall; B.A., M.A., Ph.D...............................................................Associate Provost

Academic Officers
Jason Johnson; B.S., Ph.D.................................................................Dean, College of Arts and Sciences
David Ralph; B.S., M.B.A., Ph.D............................................................Dean, College of Pharmacy
Chad Kinder; B.S., M.Ed., Ed.D.....................................................Dean, College of Professional and Graduate Studies
Bill Swartwood; B.S., M.Ed.....................................................Dean, College of Associate and Applied Programs - Sayre Campus

Administrative and Professional Staff
Randall Beckloff; B.S., M.A., Ph.D...................................................Director of International Student Affairs
Todd Boyd; B.S., M.Ed...........................................................................Director of Enrollment Management
Kendra Brown; A.A.S., B.A., M.A.......................................................Director of Public Safety
Brenda Burgess; B.S., M.B.A.................................................................Director of Business Affairs/Comptroller
Lori Gwyn; B.S., M.S., Ph.D.................................................................Director, Office of Sponsored Programs
Joshua Engle; B.S., M.S...........................................................................Dean of Students
Jason Dupree; B.A., M.L.I.S....................................................................Director of Libraries
Patricia Garcia, B.S., C.P.A., CGFM...................................................Director of Business Affairs & Comptroller
Lisa Friesen; B.A., M.Ed.................................................................Director for Excellence in Teaching & Learning
Kandy House, B.S..............................................................................Manager of University Press
Garrett King; B.A...............................................................................Assistant to the President for Institutional Advancement
Karen Klein; B.S................................................................................Director of Information Technology Services
Jan Kliewer; A.A.S., B.S., M.Ed..............................................................Director of Assessment/Testing
Laci Strickler; B.A., M.Ed., LPC..........................................................Director of Counseling Services
Chad Martin; B.A., M.Ed....................................................................Director of Residence Life
Scott Miller, B.S., M.Ed.....................................................................Director of Wellness Center
Doug Misak, B.S., M.B.A.....................................................................Director of Business Enterprise Center
Shamus Moore; B.B.A., M.B.A..........................................................Registrar
James Skinner; B.S............................................................................Interim Director of Physical Plant
Laura Smith; B.S.N., R.N...................................................................Director of Health Services
Jackie Reagan; B.S.................................................................Director of Student Center
Todd Thurman; B.S., B.A., M.Ed......................................................Director of Athletics
Shelby Unruh; B.B.A., M.B.A..............................................................Bursar
Jerome Wichert, B.A., M.A...............................................................Director of Student Financial Services
Karen Wilson; B.S...............................................................Web Designer/Web & Creative Services
Bryce Wood..................................................................................Manager of the Fine Arts Center
Wendy Yoder; B.A., M.Ed., Ed.D..........................................................Retention Management Coordinator
# Deans, Associate Deans, and Department Chairs

## College of Arts and Sciences

Dr. Jason Johnson, Dean  
SCI 210-B

<table>
<thead>
<tr>
<th>Department</th>
<th>Chair</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. of Biological Sciences</td>
<td>Dr. Zach Jones</td>
<td>SCI 214</td>
</tr>
<tr>
<td>Dept. of Chemistry and Physics</td>
<td>Dr. Tim Hubin</td>
<td>CPP 202-A</td>
</tr>
<tr>
<td>Dept. of Art, Communication and Theatre</td>
<td>Dr. Robin Jones</td>
<td>ART 222</td>
</tr>
<tr>
<td>Dept. of Language and Literature</td>
<td>Dr. Kelley Logan</td>
<td>CAM 201-A</td>
</tr>
<tr>
<td>Dept. of Mathematics</td>
<td>Dr. Thomas McNamara</td>
<td>CAM 302</td>
</tr>
<tr>
<td>Dept. of Music</td>
<td>Dr. David Bessinger</td>
<td>FAC 100</td>
</tr>
<tr>
<td>Dept. of Social Sciences</td>
<td>Dr. John Hayden</td>
<td>SCI 201-A</td>
</tr>
</tbody>
</table>

## College of Professional and Graduate Studies

Dr. Chad Kinder, Dean  
EDU 104

<table>
<thead>
<tr>
<th>School</th>
<th>Dean</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Nursing &amp; Allied Health Sciences</td>
<td>Dr. Darryl Barnett, Associate Dean</td>
<td>PAR 125</td>
</tr>
<tr>
<td>Dept. of Allied Health Sciences</td>
<td>Dr. Sharon Lawrence</td>
<td>SCI 114-D</td>
</tr>
<tr>
<td>Dept. of Nursing</td>
<td>Dr. Angela Gore</td>
<td>PAR 124A</td>
</tr>
<tr>
<td>School of Behavioral Sciences and Education</td>
<td>Dr. John R. Barnett, Associate Dean</td>
<td>EDU 121</td>
</tr>
<tr>
<td>Dept. of Education</td>
<td>Mr. Ed Klein, Interim Chair</td>
<td>EDU 102</td>
</tr>
<tr>
<td>Dept. of Kinesiology</td>
<td>Mr. Bo Pagliasotti</td>
<td>HPE 10</td>
</tr>
<tr>
<td>Dept. of Parks and Recreation Management</td>
<td>Mr. Ryan Haggard</td>
<td>EDU 121</td>
</tr>
<tr>
<td>Dept. of Psychology</td>
<td>Dr. John R. Barnett</td>
<td>PAR 233</td>
</tr>
<tr>
<td>School of Business and Technology</td>
<td>Dr. Patsy Parker, Associate Dean</td>
<td>STF 335</td>
</tr>
<tr>
<td>Dept. of Business</td>
<td>Dr. Holly McKee</td>
<td>STF 349</td>
</tr>
<tr>
<td>Dept. of Comp. Science</td>
<td>Dr. Patsy Parker</td>
<td>TSB 106</td>
</tr>
<tr>
<td>Dept. of Engineering Technology</td>
<td></td>
<td>TBA</td>
</tr>
</tbody>
</table>

## College of Pharmacy

Dr. David Ralph, Dean  
CPP 301-C

<table>
<thead>
<tr>
<th>Department</th>
<th>Chair</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Dean</td>
<td>Dr. Les Ramos</td>
<td>CPP 303-A</td>
</tr>
<tr>
<td>Pharmaceutical Sciences</td>
<td>Dr. Tami Moser</td>
<td>WSB 108-D</td>
</tr>
<tr>
<td>Pharmacy Practice</td>
<td>Dr. Nancy Williams</td>
<td>Pasteur Bldg OKC</td>
</tr>
</tbody>
</table>
## Graduate Council

Dr. Chad Kinder (Chair)

<table>
<thead>
<tr>
<th>MEMBER</th>
<th>COLLEGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Randy Barnett</td>
<td>College of Professional and Graduate Studies</td>
</tr>
<tr>
<td>Dr. Patsy Parker</td>
<td>College of Professional and Graduate Studies</td>
</tr>
<tr>
<td>Mr. Ed Klein</td>
<td>College of Professional and Graduate Studies</td>
</tr>
<tr>
<td>Dr. Amy Barnett</td>
<td>College of Professional and Graduate Studies</td>
</tr>
<tr>
<td>Dr. Richard Tirk</td>
<td>College of Arts and Sciences</td>
</tr>
<tr>
<td>Dr. Robin Sobansky</td>
<td>College of Professional and Graduate Studies</td>
</tr>
<tr>
<td>Mr. Bo Pagliasotti</td>
<td>College of Professional and Graduate Studies</td>
</tr>
<tr>
<td>Dr. Angela Gore</td>
<td>College of Professional and Graduate Studies</td>
</tr>
<tr>
<td>Graduate Student</td>
<td></td>
</tr>
<tr>
<td>Representatives (2)</td>
<td></td>
</tr>
</tbody>
</table>


University Information

Research Facilities
Southwestern Oklahoma State University possesses supporting facilities for learning and research. The Al Harris Library has 275,000 bound volumes and subscribes to 1,400 periodicals. The collection is expanded by one million microform units. The library is both a U.S. Government and state document depository and has 40,000 U.S. government documents. The library provides access to several electronic databases and to the Internet. The library provides electronic access to SWOSU's catalog and to other university library catalogs in Oklahoma and throughout the world. Additional facilities on campus include a computer center; microcomputer labs; various tele-learning resources; research laboratories in physics, chemistry, biology, pharmacy, psychology, business, health sciences, educational administration; and a music library.

Financial Services
Students who need financial assistance should contact Student Financial Services (STF 224, 580-774-3786) to determine eligibility for assistance. Most financial assistance at the graduate level is limited to individuals who are enrolled at least as half-time students and who can demonstrate a financial need. Eligible students may apply for student loans and work study. Graduate assistantships are available through academic departments.

Veterans Affairs
The University is approved for the training of veterans of the military service under education assistance established by the Federal Government and administered by the Veterans Administration. The V.A. Education Programs are coordinated through the Office of the Registrar (ADM 108, 580-774-3778).

Housing and Food Service
Room and board is available in University residence halls. Applications for campus housing and information about University housing may be obtained from the Residence Life Office (southwest corner of Neff Hall, 580-774-3024).

Admission Policy
Southwestern Oklahoma State University takes into account the following nonacademic criteria in admitting first-time, transfer or readmission students: (a) whether applicants have been expelled, suspended or denied admission, or denied readmission by any other educational institution; (b) whether the applicants have been convicted of a felony or convicted of a lesser crime involving moral turpitude; and (c) whether the applicant's conduct has been such that if the applicant was a student at the time of the conduct in question, the conduct would have been grounds for expulsion, suspension, dismissal, or denial of readmission at the university.
Tuition and Fees
Tuition and other fees are established by the Oklahoma State Regents for Higher Education. The charges listed in this catalog are those in effect at the time of publication and are subject to change (refer to SWOSU website for current fees). A student’s registration is complete only when all fees are paid or when payment arrangements have been made with the Business Office (ADM 111, 580-774-3018).

<table>
<thead>
<tr>
<th>Graduate School Tuition*</th>
<th>Resident*</th>
<th>Non-Resident* **</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 level courses</td>
<td>$290.00 per credit hour</td>
<td>$560.00 per credit hour</td>
</tr>
<tr>
<td>Nursing, MSN</td>
<td>$340.00 per credit hour</td>
<td>$610.00 per credit hour</td>
</tr>
<tr>
<td>Pharm. D.</td>
<td>$660.50 per credit hour</td>
<td>$1,086.50 per credit hour</td>
</tr>
</tbody>
</table>

*Tuition rates include the following mandatory fees per credit hour: ($36.50 total)
Student Activity Fee - $11.50; Facility Fee - $7.50; Technology Service Fee - $11.00; Event Center Fee - $6.50

**Students with a 3.0 undergraduate grade point average (GPA) are eligible for resident tuition. Students must maintain a 3.0 graduate GPA to continue their eligibility.

Non-resident tuition waivers for international students will not exceed 2.5 percent of the total number of graduate students enrolled at the University. Furthermore, eligible students will meet both of the following conditions:
- Admission into a degree program;
- Maintaining acceptable academic standards (i.e. ≥ 3.0 cumulative GPA).

Special Fees:
Special fees may be found on the SWOSU website at SWOSU website tuition page.

Refunds:
Complete Withdrawal from SWOSU -
100 percent refund for dropping all courses before the courses begin. In order to receive a refund for courses shorter in duration than four weeks, the student must drop the course before the course begins.
85 percent refund for dropping all courses during the first 10 class days for a regular term course, first five class days of a regular summer or eight-week course, or first two class days of a four-week course.
No refund for students withdrawing after the tenth class day for a regular term course, after the fifth day of a regular summer of eight-week course, or after the second class day of a four-week course. For interim-seminar courses, there is no refund if the student drops after the course begins.
Schedule Adjustments (DROP) –
100 percent refund for dropping class(es) during the first 10 days of a regular term course, during the first five days of a summer or eight-week course during the first two days of a four-week course, or prior to the first class meeting of a course less than four weeks in length. No refund for dropping class(es) after the tenth day of a regular term course, after the fifth day of a summer or eight-week course, or after the second day of a four-week course. Courses shorter in duration than four weeks must be dropped before the course starts in order to receive a refund.

Refunds are based upon the day the classes are dropped or the official student withdrawal is completed, not on the date that the student stopped attending classes. To officially withdraw from all courses, student must contact the Registrar’s Office in person or by their SWOSU email.

Tuition refunds will not be processed until after the tenth class day of each semester or fifth class day of the summer. Refunds are disbursed to students via Higher One.

For schedule adjustments (not complete withdrawals)
16 week classes – 10 days to drop for a refund
8 week classes – 5 days to drop for a refund
4 week classes – 2 days to drop for a refund
Interim/seminar courses (courses less than 4 weeks) – prior to the first day of class.

Placement Services
Placement Service is available at Southwestern Oklahoma State University to all graduating seniors, graduate students, and alumni. Individuals may file credentials, obtain job information, and schedule campus employment interviews at Career Services, (580) 774-3233. Information concerning job openings in business, industry, government, and education is available upon request.

Release of Information
Southwestern Oklahoma State University complies with all provisions of the Family Educational Rights and Privacy Act of 1974. The administration of educational records at SWOSU is consistent with provisions of the Act.
Academic and Admission Policies

Admission to Graduate Degree Program

1. A bachelor’s degree from a college or university accredited by a regional accrediting association is required. SWOSU students who plan to graduate with a bachelor’s degree in a given semester may be considered for admission for the following semester if all admission materials (other than an official transcript) are submitted prior to the appropriate deadline.

2. Submit an application for admission or readmission to the University, and provide proof of required immunizations submitted to Student Health Services.

3. Students should submit an application for admission to Graduate Studies.

4. Official transcript(s) of all credit earned should be submitted.

5. International admissions: Students for whom English is a second language wishing to be considered for admission must provide proof of English Language ability by submitting results of TOEFL with a minimum score of 79 (iBT) or IELTS with a minimum score of 6.5.

6. An international student must complete a Certification of Financial Resources Form showing sufficient resources to provide for the student’s program of study and living expenses while at Southwestern Oklahoma State University. If a bachelor’s degree was competed in another country, the transcript and diploma must be evaluated by a credential evaluation service such as WES (World Education Services) or ECE (Educational Credential Evaluators) or GCE (Global Credential Evaluators.)

7. Refer to the specific degree program for GRE requirements and other admission criteria.

8. Submit letters of recommendation or recommendation forms as required by individual degree programs.

9. When completed credentials are on file with the Graduate Office, the file will be evaluated by the program’s admissions committee to determine admissibility to a graduate program.

10. All application materials must be submitted by the following deadlines in order to be considered for admission that semester. Applications submitted after these deadlines will not be considered until the following semester.
    - Spring Semester Admission – November 1st
    - Summer Semester Admission – April 1st
    - Fall Semester Admission – July 1st

11. Incomplete application files will not be kept longer than two years.

12. Specific admission requirements for each program are found on their program pages.
General Information

Seniors and Graduate Study
A senior student may enroll in a maximum of **nine (9)** graduate hours during the final undergraduate year if a full course load is not required to complete requirements of the bachelor’s degree. The total undergraduate and graduate enrollment should not exceed sixteen (16) hours during a semester and nine (9) hours during a summer term. Graduate work may not be used to meet undergraduate requirements, but it may be applied toward professional certification in some instances.

Graduate Tuition Waiver
Students who meet the following criteria and wish to be considered for a Graduate Tuition Waiver must complete and turn in to the Graduate Office a Tuition Waiver application and supporting documents. The Graduate Tuition Waiver will pay tuition only for up to six (6) hours.

1. Admission to a Graduate Program
2. Have completed graduate coursework at SWOSU
3. Currently enrolled in a minimum of six (6) graduate hours
4. Minimum of 3.50 GPA
5. Must be an Oklahoma resident

The deadlines for application submissions are: Summer – April 1, Fall – July 1, Spring – November 1. Applications will not be held for future semesters. Incomplete applications will not be considered.

Advisement and Enrollment
Each student admitted to a degree program is assigned an advisor in his/her major area of interest when the application for admission to a graduate program is approved. Advisors are available to assist students with enrollments and to provide general program information. **The student, however, has the final responsibility of insuring that program requirements are met.** Exceptions to requirements outlined in the *Graduate Catalog* must be approved by the advisor, chair, associate dean (where applicable), the dean of the academic unit, and the Graduate Dean.

Graduate students may enroll on any of the enrollment dates or during regular registration listed in the class schedule (located on the SWOSU website: link) by calling the Registrar’s Office (580-774-3008).

Academic Load
Standard Term: Any course(s) that meets a full 16 weeks during the fall and spring semesters and 8 weeks for the summer. All **full-time students** are enrolled in a minimum of nine (9) hours per semester and four (4) hours during a summer term. **Three quarter-time students** are enrolled in a minimum of seven (7) hours per semester and three (3) hours during a summer term. **Half time students** are enrolled in a minimum of five (5) hours per semester and two (2) hours during a summer term.
Non-Standard Term: Any term that does not meet the 16 week requirement stated above. All full-time students are enrolled in a minimum of four (4) hours per eight (8) week classes and two (2) hours per 4 week term. Three quarter-time students are enrolled in a minimum of three (3) hours per eight (8) week classes and one point five (1.5) hours per 4 week term. Half time students are enrolled in a minimum of two (2) hours per eight (8) week classes and one (1) hour per 4 week term.

Enrollments that exceed sixteen (16) hours during the fall and spring semester and nine (9) hours during the summer term are exceptions and must be approved by the advisor and Graduate Dean. Additional credit may be earned via interim courses.

Course Numbering
5000 level Business courses may be taken only by M.B.A. graduate students. Courses at the 3000 and 4000 level are dual enrollment courses open to most graduate and upper-division undergraduate students. The courses may be used to meet requirements of a graduate degree if part of an approved program. The student must indicate at the time of enrollment if s/he wants a course for graduate credit. Members of the faculty differentiate between the work of graduate and undergraduate students in 3000 and 4000 level courses. Courses completed for undergraduate credit may not be repeated for graduate credit nor can the same class count toward undergraduate and graduate requirements.

Grading System
A grade is given as recognition of certain levels of accomplishment in a course and is to be interpreted as follows:
- A (4.0), Excellent
- B (3.0), Average
- C (2.0), Below Average
- D (1.0), not acceptable toward a degree
- F (0.0), Failure
- S (0.0), Satisfactory
- U (0.0), Unsatisfactory

Incomplete—An incomplete grade may be used at the instructor’s discretion to indicate that additional work is necessary to complete a course. To receive an “I” grade, the student should have satisfactorily completed a substantial portion of the required coursework for the semester. The time limit to satisfy the “I” will be at the discretion of the instructor. “I” grades not changed by the instructor to a credit-bearing grade or an “F” within the specified time limit will remain as a permanent “I” and not contribute to the student’s GPA.

Withdrawal—Students may withdraw during the first eleven (11) weeks of class work in a regular semester or during the first four weeks of class in a summer semester and receive a grade of “W.” Students may also withdraw officially any time prior to and including Friday of the week before final examinations begin and receive a “W” for courses in which they are doing passing work. Students who withdraw from a course in which they are failing will receive an “F” if the withdrawal occurs during the last five weeks of a regular semester or the last four weeks of a summer semester. Students who leave school without officially
withdrawing will receive grades of “F” for courses in which they were enrolled. A grade of “W” has no effect on a student’s grade-point average.

**Repeated Courses**—When a course is repeated, both grades are used in computing the grade-point average, but only one course may be applied toward degree requirements.

**Retention**
A minimum graduate grade point average of 3.0 (B) is required in all master’s degree programs. No grade lower than a “B” on applied music courses will be accepted toward requirements of the Master of Music degree. A maximum of six semester hours of “C” may be applied toward requirements of the Master of Business Administration, Master of Science in Management, and the Master of Education degrees.

After being admitted to a graduate program, a student will be placed on academic probation if the graduate grade point average falls below 3.0 (B) after the completion of twelve (12) semester hours, including transfer credit. During the first probation semester, a student must have a cumulative GPA and/or semester GPA of 3.0. If neither the cumulative nor semester GPA is a 3.0, the student will be allowed to register only as a part-time student (i.e., a maximum of five hours and three hours during the regular and summer term, respectively) until a cumulative GPA of 3.0 is achieved. If a student during a second semester of probation does not earn a 3.0 semester average, s/he will be dismissed from their graduate program. An academic reprieve is not applicable to graduate programs.

**Transfer of Credits**
A maximum of nine (9) applicable semester hours of graduate credit from accredited colleges and universities may apply toward requirements of a graduate degree at Southwestern Oklahoma State University (SWOSU). Only coursework with grades of “A” and “B” is eligible for transfer. All applicable graduate credit earned at SWOSU prior to admission into a degree program is considered as transfer credit.

**Unclassified Graduate Students**
Students who have previously completed a Master’s Degree at Southwestern, or who do not wish to pursue a graduate degree, may be admitted as unclassified graduate students. These students must follow the graduate studies admission procedures. A maximum of nine hours taken as an unclassified student may transfer into a degree program. The nine-hour transfer policy includes any hours taken at another university, as well as hours taken at SWOSU before admission to a degree program.

Unclassified graduate students in the School of Business will be permitted to enroll in up to 9 hours of graduate classes provided their undergraduate GPA is at least 3.0. School of Business students will not be allowed to enroll in more than 9 hours without being formally admitted to the MBA/MS program. For more information contact the MBA Advisor.

**Degree Completion Time**
Graduate courses taken more than six (6) years prior to graduation do not count toward the total number of credit hours required for a master’s degree. Courses that are more than six (6)
years old may count as degree requirements as recommended by the academic unit in which
the master’s degree is offered and approved by the Graduate Dean.

**Individual Study/Directed Reading**
Graduate students may enroll in an individual study in areas not available in conventional
classes. A maximum of **six (6) semester hours** of individual study may be applied toward
requirements of the master’s degree upon approval of advisor.

**Candidacy for the Master’s and Specialist in Education Degree**
Admission to graduate studies and to a degree program is not the equivalent of Admission to
Candidacy for the master’s degree. It is the responsibility of the student to initiate the
application for Admission to Candidacy after the completion of 24-30 semester hours. The
candidacy form must be submitted to the Graduate Office no later than the first Monday after
close of the drop/add date each semester. The degree candidacy form is to be completed by the
student in consultation with his/her major advisor and forwarded to the Graduate Office. The
degree candidacy form must include only the courses that apply to the graduate degree
program.

**Application for Graduation**
Candidates for the master’s degree are responsible for filing an application for graduation
online: SWOSU website Graduation Application. Students are strongly encouraged to file this
application during the first two weeks of the semester in which they plan to graduate.
GRADUATE PROGRAM CHECKLIST

Sequential Steps to Be Followed in a Master’s Degree Program
-- A Self-Help Guide—

1. Admission to Graduate Degree Program

✓ File Application for Admission or readmission to the University with the Registrar (not required of students enrolled at SWOSU during the previous year).
✓ File health history and submit proof of required immunizations to Student Health Services.
✓ File Application for Admission to Graduate Studies with the Graduate Office.
✓ Provide official transcript(s) of all previous college work not already on file with the Registrar at SWOSU.
✓ Provide other credentials (GRE scores, references, etc.) as required by the degree program for which you are applying.
✓ Submit Portfolio – M.Ed. in Educational Administration requires an e-portfolio; M.Ed. in School Counseling and M.Ed. in School Psychometry (requires a paper portfolio) – see advisor or department contact person for more information.

2. Following Admission to a Degree Program

✓ Meet with your advisor during your semester of admission and complete a Plan of Study.
✓ Enroll or pre-enroll on enrollment dates listed in the class schedules.

3. Admission to Degree Candidacy

✓ With the assistance of your advisor, complete an Application for Admission to Candidacy after the completion of 24-30 semester hours of graduate work. Obtain appropriate signatures and submit Candidacy form to the Graduate Office. The completed/signed form must reach the Graduate Office by the first Monday after the close of the drop/add date of the semester in which you intend to graduate.
✓ Master of Education, Master of Science in Community Counseling and Specialist in Education students must complete the Capstone Experience during their final semester (with the exception of certain programs-check program pages for details). Students must enroll in the Capstone Experience class, complete the Registration Form, and turn the form in to their advisor.
✓ Each M.B.A. graduate must complete the Educational Testing Service (ETS) Major Field Test in Business during their last semester of their M.B.A. program.
✓ File an Application for Graduation with the Registrar. This application should be submitted to the Registrar’s Office during the first two weeks of the semester in which the student expects to graduate.
✓ Pick up a cap and gown at University Bookstore.
4. Summary Checklist

- Required number of semester hours for the degree.
- All required courses completed.
- An overall grade point average of at least 3.0 (B) on graduate work.
- The Master of Music degree program with no Applied Music grades below “B” that count toward degree requirements.
- No grades below “C” applied toward degree requirements.
- Not more than six (6) semester hours of “C” applied toward the degree.
- Not more than six (6) semester hours of individual study/directed reading applied toward the degree.
- No correspondence study credit applied toward the degree.
- Graduate credits completed beyond six (6) years not applicable for semester hours required but may meet course requirements in a degree program.
- Not more than nine (9) approved semester hours of transfer credit. This includes courses from accredited institutions, as well as courses taken at SWOSU, prior to admission into a degree program. Only courses with a grade of “A” or “B” may be transferred.
PROGRAMS OF STUDY

ART -- Master of Education in Education
Non-Certification Track
(ARTM.MED) (Old Code No. 823)

I. Prerequisites for admission: (1) Bachelor’s degree in Visual Arts or Art Education and (2) Approval of Portfolio by the Art Department faculty committee.

II. Required Professional Education Core: (6 hours)
   EDUC 5113 Introduction to Research
   ELEM 5693 Teaching in the Elementary School OR
   SECED 5833 Teaching in the Secondary School

III. Required courses in Art: (23-24 hours)
   ART 3753 Life Drawing
   ART 3483 Printmaking Studio
   ART 3513 Intermediate Graphic Design I

   ART 3113 Watercolor Studio OR
   ART 4313 Painting Studio

   ART 3353 Clay Studio OR
   ART 4253 Applied Design

   ART 4333 Studio Drawing OR
   ART 3383 Mixed Media

   ART 4353 Modern Art History OR
   ART 4383 Art History Since 1945

   ART 4452 Content, Methods and Materials in Elementary School Art OR
   ART 4553 Teachers’ Course in Art

IV. Capstone Experience
   EDUC 5651 Graduate Exhibit (must be completed during the final semester)

V. Other approved coursework to make a total of at least 32 semester hours for the degree
   ART 5001-4 Independent Study in Art OR
   ART 5011-4 Seminar in Art
BIOMEDICAL SCIENCE & MICROBIOLOGY -
Master of Education in Education
Non-Certification Track
(BIOMM.MED) (Old Code No. 842)

I. Prerequisites for admission: (1) A bachelor degree in Biological Sciences, Microbiology, Chemistry, Health Sciences or related fields

II. Required Professional Education Core (9-12 credit hours)
   EDUC 5113 Introduction to Research
   COUN 5513 Introduction to Counseling & Guidance
   EDPSY 5723 Advanced Psychology of Learning
   SECED 5833 Teaching in Secondary School (Optional for non-certified track)

III. Required courses (20-23 hours):
    Notes
    A. Take at least one 5000-level course from the list.
    B. Students should submit a proposed Graduate Plan to the Chair of the Department of Biological Sciences prior to enrollment.
    BIOL 5001-4 Independent Studies in Biological Sciences
    BIOL 5021-4 Special Topics in Biomedical Sciences
    BIOL 5031-4 Special Topics in Microbiology
    BIOL 4154 Developmental Biology
    BIOL 4213 Immunology
    BIOL 4284 Parasitology
    BIOL 4343 Applied Microbiology
    BIOL 4404 Pathogenic Microbiology
    BIOL 4463 Virology
    BIOL 4503 Microbial Physiology
    BIOL 4523 Environmental Microbiology
    BIOL 4703 Infectious Disease Epidemiology
    BIOL 4864 Human Genetics
    BIOL 4914 General and Comparative Physiology
    BIOL 4935 Cell and Molecular Biology
    BIOL 4944 Neuroscience
    BIOL 4974 Histology
    CHEM 4124 Biochemistry
    CHEM 4673 Advanced Metabolism

VI. Capstone Experience
   EDUC 5950 Graduate Capstone Experience (must be completed during final semester).
   See Biological Sciences faculty for options.

TOTAL HOURS.......................................................................................................................................................... 32
BUSINESS ADMINISTRATION -
Master of Business Administration
(BUSAD.MBA) (Code No. 860)

The Master of Business Administration degree is accredited by the International Assembly for Collegiate Business Education. It is designed for those who:

- desire an immediate continuation of an advanced program in business commensurate with their career objectives,
- desire an updating of their professional training,
- desire advanced specialized experiences to anticipate and solve the challenge of individual occupational responsibilities (entrepreneurs and managers), and
- require an advanced degree.

The MBA program will satisfy the Oklahoma educational requirements to sit for the CPA exam provided 30 hours of Accounting classes are taken beyond Principles of Financial and Managerial Accounting.

ADMISSION REQUIREMENTS FOR SWOSU
1. Bachelor's degree from a college or university accredited by a regional accrediting association is required.
2. The University Application for Admission or Readmission (available online):
   SWOSU application weblink
3. International admissions: students for whom English is a second language wishing to be considered for admission to Graduate Studies must provide proof of English Language ability by submitting a minimum TOEFL score report of 79 (iBT) or a minimum IELTS score report of 6.5. See Graduate Studies pages for other international requirements.

ADMISSION REQUIREMENTS FOR THE GRADUATE SCHOOL
The following steps should be completed online:
https://www.swosu.edu/academics/graduate-studies/application.aspx
1. Application for Graduate Admission (Form A)
2. 9-hour Transfer of Credit Policy Agreement (Form B)
3. Official transcript(s) of all credit earned
4. Résumé
5. Two MBA recommendation forms (Form C)
6. Complete the MBA Inbound CPC-based Comprehensive Exam.
   Students are required to complete the MBA Inbound CPC-based Comprehensive Exam prior to enrolling in any graduate courses. Applicants will be responsible for the cost of the Inbound CPC Exam. The cost of the exam is $40.00; it does not require any study preparation. A link and password to access the exam will be provided once your application for graduate admission is complete. Once you have registered for the test, you will have 48 hours to finish and only three (3) log-in attempts are allowed (initial registration counts as one, plus 2 other log-ins).
• Applicants will be evaluated on both the overall score and on the individual subject area scores.
• Students who attain a **satisfactory score** can then proceed with their MBA application with no additional preparatory or prerequisite coursework.
• Students who do not attain a satisfactory overall score will need to complete the 15-Module Academic Leveling Course. An email will be sent with further information on registering for the ALC at the time of score notification.
  o Students must pay for all costs for the Academic Leveling Course (currently $400). College credit will not be given for this course.
  o This self-paced course is designed to be a primer to the student without an undergraduate degree in business or as a refresher course for the returning business major who has been out of school for a period of time.
  o Students who have to complete the Leveling Course will need to pass a minimum of 10 of the 15 modules before they can proceed past their initial semester.
• Students who do not attain a satisfactory score on an individual subject area(s) will be required to successfully complete the corresponding learning module(s) in the Academic Leveling Course.
  o The cost per learning module is $40.
  o The learning module is designed to be a primer for students in a specific subject area. No college credit will be given.

7. After application and satisfactory completion of the MBA Inbound CPC exam or the **Masters Academic Leveling Course**, students need to schedule a meeting with the SoBT Director of Graduate Programs to complete a tentative **Plan of Study**. Upon admission to the graduate program, the finalized Plan of Study will be placed on file with the Graduate Office and SoBT Director of Graduate Programs.

**COURSE OFFERINGS**

The MBA program can be completed in: two academic years including two summers, taking classes only at night; one academic year, taking both day, night and web classes; or, over a more extended period, depending upon the student’s own needs and situation.

**MBA GRADUATION REQUIREMENTS**

1. **Completion** of an approved 33 hour program of required and elective courses.
2. **Maintenance** of a grade point average of 3.0 (4.0 scale) with no more than six hours of “C” grade accepted toward degree requirements.
3. With the assistance of the Dobson SBT Director of Graduate Programs, complete an Application for Admission to Candidacy after the completion of 24-30 semester hours of graduate work. Obtain appropriate signatures and submit the Application for Admission to Candidacy form to the Graduate Office (HEC104). The completed/signed form must reach the Graduate Office by the first Monday after the close of the drop/add date of the semester in which you intend to graduate.
4. File an Application for Graduation with the Registrar. This application should be submitted to the Registrar’s Office during the first two weeks of the semester in which the student expects to graduate.

5. Each MBA graduate must complete the MBA Outbound CPC-based Comprehensive Exam during their last semester of their MBA program.

COURSE WORK REQUIREMENTS

All MBA students must complete a 30 hour required core with an additional 3 hours of an approved elective as described below.

I. Required MBA Core (30 hours)
   - ACCTG 5633 Financial Accounting For Decision Making
   - ECONO 5653 Advanced Managerial Economics
   - ECONO 5763 Advanced Business Statistics
   - FINAN 5263 Advanced Financial Management
   - MNGMT 5433 Advanced Human Resources Management
   - MNGMT 5533 Management and Organizational Behavior
   - MNGMT 5643 Advanced Quantitative Methods/Operations Analysis
   - MNGMT 5923 Business Strategy and Policy (CAPSTONE)
   - MNGMT 5xxx Management Elective
   - MRKTG 5623 Marketing Strategy

II. Required Approved Elective Course (3 hours)
    Any 5000-level course offered in the School of Business and Technology may be taken as an elective with the approval of the Dobson SBT Director of Graduate Programs, not including those covered at the graduate level by the core courses.

- ACCTG 5003 Individual Study in Accounting (Topic)
- ACCTG 5013 Seminar in Accounting (Topic)
- ACCTG 5113 Accounting for Government/Non-Profit Organizations
- ACCTG 5223 Computerized Accounting
- ACCTG 5253 Introduction to Computer Forensics
- ACCTG 5313 Income Tax Accounting I
- ACCTG 5323 Income Tax Accounting II
- ACCTG 5333 Internship in Accounting
- COMSC 5133 Software Engineering
- COMSC 5513 Business Intelligence
- ENTRP 5013 Seminar in Entrepreneurship (Topic)
- ENTRP 5143 Managerial Jurisprudence
- ENTRP 5233 Leadership and Gender
- FINAN 5003 Individual Study in Finance (Topic)
- FINAN 5013 Seminar in Finance (Topic)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINAN 5213</td>
<td>Commercial Bank Management</td>
</tr>
<tr>
<td>FINAN 5233</td>
<td>Small Business Finance</td>
</tr>
<tr>
<td>FINAN 5333</td>
<td>Internship in Finance</td>
</tr>
<tr>
<td>FINAN 5393</td>
<td>International Finance</td>
</tr>
<tr>
<td>FINAN 5513</td>
<td>Portfolio Management I</td>
</tr>
<tr>
<td>FINAN 5523</td>
<td>Portfolio Management II</td>
</tr>
<tr>
<td>MNGMT 5003</td>
<td>Individual Study in Management (Topic)</td>
</tr>
<tr>
<td>MNGMT 5013</td>
<td>Seminar in Management (Topic)</td>
</tr>
<tr>
<td>MNGMT 5113</td>
<td>Gender Issues in HR Management and Development</td>
</tr>
<tr>
<td>MNGMT 5153</td>
<td>Managerial Ethics</td>
</tr>
<tr>
<td>MNGMT 5163</td>
<td>Managerial Leadership</td>
</tr>
<tr>
<td>MNGMT 5183</td>
<td>Sales Skills &amp; Management</td>
</tr>
<tr>
<td>MNGMT 5213</td>
<td>Crisis Management</td>
</tr>
<tr>
<td>MNGMT 5223</td>
<td>Innovative Management Technologies</td>
</tr>
<tr>
<td>MNGMT 5233</td>
<td>Entrepreneurship &amp; New Venture</td>
</tr>
<tr>
<td>MNGMT 5243</td>
<td>Practical Management Skills</td>
</tr>
<tr>
<td>MNGMT 5313</td>
<td>Event Management</td>
</tr>
<tr>
<td>MNGMT 5323</td>
<td>Project Management</td>
</tr>
<tr>
<td>MNGMT 5333</td>
<td>Internship in Management</td>
</tr>
<tr>
<td>MNGMT 5633</td>
<td>International Management</td>
</tr>
<tr>
<td>MRKTG 5003</td>
<td>Individual Study in Marketing (Topic)</td>
</tr>
<tr>
<td>MRKTG 5013</td>
<td>Seminar in Marketing (Topic)</td>
</tr>
<tr>
<td>MRKTG 5123</td>
<td>Services Marketing</td>
</tr>
<tr>
<td>MRKTG 5133</td>
<td>Sports Marketing</td>
</tr>
<tr>
<td>MRKTG 5183</td>
<td>Sales Skills &amp; Management</td>
</tr>
<tr>
<td>MRKTG 5243</td>
<td>Marketing Research</td>
</tr>
<tr>
<td>MRKTG 5333</td>
<td>Internship in Marketing</td>
</tr>
<tr>
<td>MRKTG 5643</td>
<td>International Marketing</td>
</tr>
</tbody>
</table>
CLASSROOM TEACHING -
Master of Education in Education
(CLTCM.MED) (Old Code No. 855)

Note: Classroom Teaching is a professional development model to aid in the preparation of degree holding candidates seeking to become alternatively certified teachers in the state of Oklahoma. The program is designed to provide pedagogical, theoretical, and classroom field experiences to support the development of teaching skills necessary to not only effectively deliver content instruction, but to provide focus for the importance of the relational aspect of teaching and learning to improve professional practice. This option alone does not lead to Oklahoma teacher certification.

I. Required Professional Education (12 hours)
   EDUC  5113  Introduction to Research
   ELEM  5693  Teaching in the Elementary School
   OR
   SECED  5833  Teaching in the Secondary School
   EDPSY  3453  Educational Psychology
   LIBED  5423  Media and Technology

II. Required Coursework (21 hours)
   SPCED  3132  Exceptional Children
   SECED  4813  Educational Tests and Measures
   SECED  4823  Principles of Teaching
   EDUC  3321  Multi-Cultural/ Special Populations
   EDUC  4021  Contemporary Issues in Education
   EDUC  4041  Classroom Management
   EDUC  4865  Student Teaching
   EDUC  4965  Student Teaching

III. Capstone Experience
   EDUC  5950  Graduate Capstone Experience (must be completed during final semester).
COMMUNITY COUNSELING - Master of Science
(CCNSM.MS) (Old Code No. 846)

Admission Requirements

1. Bachelor's degree from a college or university accredited by a regional accrediting association is required.
2. An undergraduate or graduate statistics course and two additional courses in Psychology.
3. A cumulative undergraduate GPA of 3.0 on a 4.0 scale.
   OR
   A cumulative undergraduate GPA of 2.5 – 2.99 on a 4.0 scale (overall undergraduate Ret/Grad GPA, (or) GPA on the last 60 semester hours) with a satisfactory minimum score with respect to the following equation of GPA and GRE scores: \( \text{GPA} \times 100 + \text{GRE} = 530 \)
   (The GRE score will be a sum of the scores on the verbal and quantitative tests.)
4. University Application for Admission or Readmission should be completed, either online or on paper and sent to the Registrar’s office.

The following steps should be completed and forms sent to the Graduate Office via email to graduatstudies@swosu.edu or 100 Campus Dr., Weatherford, OK 73096:

5. Application for Graduate Admission: SWOSU Website for Graduate Admission Forms
6. 9-Hour Policy Agreement
7. Official transcript(s) of all credit earned
8. Two recommendation forms
   • These recommendations should be completed by individuals who are in a position to rate academic aptitude, motivational, and character/disposition factors.
   • Forms should be sent directly from the reference to the Graduate Office
   • These forms are available in the program handbook on the psychology department website.
9. An original OSBI Background Check
   • The procedure for completing the check is in the application packet.

The deadlines for application for the M.S. program in Community Counseling are June 1st for the Fall Semester and November 1st for the Spring Semester.

Acceptance will require completing an on-campus face-to-face interview. The interviews are typically scheduled for June for Fall applicants and November for Spring applicants. Applicants will be notified about interview information through the email address provided on the application. Interview information will not be sent out until the application deadline has passed (Notification of interview will be sent after June 1st for the Fall semester and after November 1st for the Spring Semester).
Upon acceptance into any of these graduate programs, the candidate must successfully complete a Plan of Study with his/her advisor.

Placement into the practicum and internship courses requires approval from the Departmental Internship/Practicum Approval Committee (IPAC).

**NOTE:** Meeting the minimum standards does not guarantee acceptance into the program.

I. Required Professional Education and Psychology Core (15 hours)
   - COUN 5513 Introduction to Counseling & Guidance
   - COUN 5593 Advanced Tests & Measurements
   - COUN 5893 Ethical/Legal/Professional Standards
   - EDPSY 5743 Life Span Development
   - EDUC 5113 Intro to Research

II. Required Community Counseling Specialization Core (18 hours)
   - EDPSY 5633 Advanced Abnormal Psychology
   - COUN 5213 Community Counseling
   - COUN 5373 Theories/Techniques Family Counseling
   - COUN 5543 Theories/Techniques of Counseling
   - COUN 5553 Theories/Techniques Group Counseling
   - COUN 5563 Practicum in Counseling (150 clock hours included)

III. Capstone Experience
   - EDUC 5950 Graduate Capstone Experience (must be successfully completed during final semester; may only be repeated once.)

IV. Total Required for the Master's Degree - 33 Hours

The Master of Science Community Counseling Program does NOT lead to certification as a school counselor. See the Master of Education School Counseling program for information regarding school counseling certification.

Completion of the Master of Science Degree in Community Counseling is applicable towards eligibility requirements for the Licensed Professional Counselor (LPC) Act. See the LPC Curriculum Program for information regarding application and LPC coursework requirements.
EARLY CHILDHOOD EDUCATION - Master of Education  
(ECEDM.MED) (Old Code No. 822)

**NOTE:** In order to complete this master’s degree and meet certification requirements, the candidate must have completed an approved program in Elementary Education, Early Childhood Education, or Special Education **OR** hold a teaching certificate in one of those areas.

I. Required Professional Education (12 hours)
   - EDUC 5113 Introduction to Research
   - COUN 5513 Introduction to Counseling & Guidance
   - EDPSY 5723 Advanced Psychology of Learning
   - ELEM 5693 Teaching in the Elementary School

II. Subject Area Requirements
    Completion of at least 12 undergraduate or graduate semester hours in each of the four core subject areas (mathematics, science, language arts, and social science).

III. Required Early Childhood Education Core (20 hours)
   - ECED 5423 Play Methods & Materials
   - ECED 5463 The Expressive Arts
   - ECED 5483 Exploring the Child’s World
   - ECED 5533 Guidance of the Preschool Child
   - PSYCH 5633 Language Development
   - ECED 5163 Perceptual Development in Infants and Toddlers
   - ECED 5612 Practicum in Early Childhood Education

IV. Capstone Experience
   - EDUC 5950 Graduate Capstone Experience (must be completed during the final semester)

Certification Requirements
- Completion of master’s degree
- Successful passage of the appropriate Oklahoma Subject Area Examination
- Hold an appropriate/valid teaching certificate and have a minimum of two years successful teaching experience

Upon completion of all requirements,
   a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign on System link]
   b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link [SWOSU Teacher Certification Recommendation Request link]. Candidates will be notified by email when their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign on System link].
EDUCATION ADMINISTRATION - Master of Education  
(EDAMM.MED) (Old Code No. 804)

NOTES:

1. Additional admission criteria for candidates seeking a degree and/or certification in Educational Administration must have  
   a) at least two years of successful classroom teaching experience  
   b) an Entry Level Electronic Professional Portfolio  
2. Program completion requirements shall include a Culminating Professional Electronic Portfolio.  
3. For more information on the above entry and exit requirements, contact the Educational Administration graduate advisors.

I. Required Professional Education Core (33 hours)  
   EDUC 5113 Introduction to Research  
   EDAD 5853 School – Community Relations  
   EDAD 5233 Fundamentals of Curriculum Planning  
   EDAD 5313 School Personnel Administration  
   EDAD 5413 Internship in Educational Administration (Principal)  
   EDAD 5613 Educational Administration Theory  
   EDAD 5713 Educational Leadership Psychology  
   EDAD 5813 Supervision of Instruction  
   EDAD 5933 The Principalship  
   EDAD 5973 Public School Finance  
   EDAD 5983 Public School Law

II. Capstone Experience  
   EDUC 5950 Graduate Capstone Experience – Candidates complete the Capstone requirement by completing and submitting to the advisor for evaluation the Final Graduate Electronic Portfolio Scoring Rubric documenting completion of the Graduate Electronic Portfolio. Candidates must complete the Capstone requirement during the final semester.

Certification Requirements

• Completion of the Master of Education Degree in Educational Administration /or/ if the candidate already holds a master's degree, completion of all required coursework in the Educational Administration Program.  
• Successful passage of the Oklahoma Subject Area Test 045: Elementary Principal Comprehensive Assessment and/or Oklahoma Subject Area Test 047: Secondary Principal Comprehensive Assessment. Both of these tests cover the third area of Oklahoma Subject Area Test 046; Middle Level Principal Comprehensive Assessment.  
• Hold an appropriate/valid teaching certificate and have a minimum of two years successful teaching experience

Upon completion of all requirements,  
   a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of
Education Single Sign On System at this link OK State Department of Education Single Sign on System link

b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link SWOSU Teacher Certification Recommendation Request link. Candidates will be notified by email when their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign on System link.
ELEMENTARY EDUCATION - Master of Education  
(ELEMED.MED) (Old Code No. 805)

NOTE: In order to complete this master’s degree and meet certification requirements, the candidate must have completed an approved program in Elementary Education, Early Childhood Education, or Special Education OR hold a teaching certificate in one of those areas.

I. Required Professional Education Core (12 hours)  
   EDUC 5113 Introduction to Research  
   COUN 5513 Introduction to Counseling & Guidance  
   EDPSY 5723 Advanced Psychology of Learning  
   ELEM 5693 Teaching in the Elementary School

II. Subject Area Requirements  
   Completion of at least 12 undergraduate or graduate semester hours in each of the four core subject areas (mathematics, science, language arts, and social science).

II. Elementary Education Electives (20 hours)  
   ECED 5423 Play Methods and Materials  
   ECED 5463 The Expressive Arts  
   ECED 5483 Exploring Child's World  
   ECED 5533 Guidance of the Preschool Child  
   ECED 5583 Early Childhood & Kindergarten Education  
   ECED 5162 Perceptual Development in Infants & Toddlers  
   ECED 5612 Practicum in Early Childhood Education  
   SPCED 5163 Instructional Content and Practices for Students with Severe, Profound or Multiple Disabilities  
   SPCED 5223 Detecting & Correcting Special Problems in the Inclusive Classroom  
   SPCED 5362 Legal & Ethical Practices in Special Education  
   SPCED 5623 Instructional Content and Practices for Students with Mild or Moderate Disabilities  
   SPCED 5862 Planning and Managing the Teaching Environment  
   PSYCH 5653 Language Development

III. Capstone Experience  
   EDUC 5950 Graduate Capstone Experience (must be completed during the final semester)

Certification Requirements  
- Completion of master’s degree  
- Successful passage of the appropriate Oklahoma Subject Area Examination  
- Hold an appropriate/valid teaching certificate and have a minimum of two years successful teaching experience
Upon completion of all requirements,

a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign on System link](#).

b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link [SWOSU Teacher Certification Recommendation Request link](#). Candidates will be notified by email when their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign on System link](#).
HEALTH AND PHYSICAL EDUCATION - Master of Education
Elementary/Secondary Education
(HPEDM.MED) (Old Code No. 807)

I. Prerequisites: Completion of 24 undergraduate semester hours in Health and Physical Education.

II. Required Professional Education Core
EDUC 5113 Introduction to Research
COUN 5513 Introduction to Counseling & Guidance
EDPSY 5723 Advanced Psychology of Learning
ELEM 5693 Teaching in the Elementary School
OR
SECED 5833 Teaching in the Secondary School

III. Required courses in health and physical education: A minimum of 16 semester hours selected from the following courses, including at least one 5000 level course.
KINES 5133 Teaching Health in Public Schools*
KINES 3393 Nutrition for Children
KINES 5443 Kinesiology and Anatomy*
KINES 5553 Methods and Materials in Elementary HPER*
PRM 3663 Recreation Management
ATEP 4233 Athletic Gen Med & Pharm
KINES 4001-4 Individual Study in Health, Physical Education, and Recreation
KINES 4011-4 Seminar in Health, Physical Education, and Recreation
KINES 5052 Sociology of Sports*
KINES 5063 Legal Aspects in Physical Education, Recreation and Athletics*
KINES 5073 Evaluation in Physical Education*
KINES 4113 Organization and Administration of Health, Physical Education, and Recreation
KINES 4383 Development of Programs, Facilities, & Management
KINES 5122 Organization and Administration of Athletics*
PRM 4163 Community Recreation
KINES 5234 Exercise Physiology*
KINES 5234L Exercise Physiology Lab*
KINES 5243 Therapeutic and Prescriptive Physical Education*
KINES 5262 Motor Learning*
ATEP 4433 Athletic Training Modalities
KINES 4541 Capstone Experience in HPER
KINES 4553 Teachers Course in Health and PE
PRM 4663 Outdoor Recreation
ATEP 4722 Administrative Issues in Athletic Training
PRM 4773 Natural Resources Recreation Management
KINES 5802 Theory of Coaching Football*
KINES 5832 Theory of Coaching Basketball*
KINES 4842  Theory of Coaching Women’s Basketball
KINES 5862  Theory of Coaching Baseball*
KINES 4873  Curriculum Construction in Health, Physical Education, and Recreation
KINES 5001-4  Individual Study in Health, Physical Education, and Recreation (Topic)
KINES 5011-4  Seminar in Health, Physical Education, and Recreation (Topic)
KINES 5223  Problems in Health, Physical Education, and Recreation
KINES 5552  Health Education in Public School

IV. Other Approved coursework to make a total of at least 32 semester hours.

V. Capstone Experience
   EDUC 5950  Graduate Capstone Experience (must be completed during the final semester)

VI. Combined undergraduate and graduate work in Health and Physical Education must total
    at least 56 semester hours. At least eight (8) hours of the undergraduate and graduate total
    shall be in Health and at least eight (8) hours in Physical Education.

    The courses listed with an (*) asterisk taken at the 3000 or 4000 level as
undergraduate credit cannot be taken at the 5000 level.
HEALTHCARE INFORMATION MANAGEMENT -
Master of Science
(HIIM.MS) (Old Code No. 848)

ADMISSION REQUIREMENTS
4. Bachelor's degree from a college or university accredited by a regional accrediting association is required.
5. A University Application for Admission or Readmission should be completed and sent to the Registrar's Office.
6. International admissions: students for whom English is a second language wishing to be considered for admission to Graduate Studies must provide proof of English Language ability by submitting a minimum TOEFL score report of 79 (iBT) or a minimum IELTS score report of 6.5. See Graduate Studies pages for other international requirements.

The following steps should be completed and forms sent to the Graduate Office (graduatestudies@swosu.edu) as an attachment:
1. Application for Graduate Admission
2. 9-hour Transfer of Credit Policy Agreement
3. Official transcript(s) of all credit earned
4. Résumé
5. Two recommendations
6. After application students need to schedule a meeting with the Director of the HIM Graduate Programs to complete a tentative Plan of Study. Upon admission to the graduate program, the finalized Plan of Study will be placed on file with the Graduate Office and HIM Graduate Director.
7. Students must be admitted to SWOSU, have applied to the M.S. (Health Informatics & Information Management) Degree Program, and completed an M.S. (HIIM) Plan of Study before you can enroll in any courses.

COURSE WORK REQUIREMENTS All M.S. students must complete all required course work below

I. Core Courses - Required for completion of the MHIIM Program (30 hours)
   HIM  5233  Corporate Compliance and Quality Data Management in Healthcare
   HIM  5243  Healthcare Informatics Research Methods
   HIM  5253  Legal and Privacy Issues in Health Informatics
   HIM  5263  Healthcare Vocabularies and Clinical Terminologies
   HIM  5273  Data Integrity, Data Mining & Healthcare Data Warehousing
   HIM  5283  Healthcare Decision Support Systems
   HIM  5303  Project, Financial, IT Vendor Management in Healthcare
   HIM  5323  IT Ethics and Security
   HIM  5333  Healthcare Strategic Planning
   HIM  5293  Healthcare Professional Leadership

(continued on next page)
II. Options (6 hours)
   A. Thesis Option
      HIM 5343 Graduate Research Proposal
      HIM 5353 Graduate Research
   
   B. Non-Thesis Option
      HIM 5363 Capstone Project
      HIM 5373 Professional Practice Experience

36 Total Hours for Degree

GRADUATION REQUIREMENTS
1. **Completion** of the approved 36-hour program of required courses.
2. **Maintenance** of a grade point average of 3.0 (4.0 scale) with no more than six hours of “C” grade accepted toward degree requirements.
3. With the assistance of the Director of Graduate Programs, complete an **Application for Admission to Candidacy** after the completion of 24-30 semester hours of graduate work. Obtain appropriate signatures and submit the Application for Admission to Candidacy form to the Graduate Office (EDU 104). The completed/signed form must reach the Graduate Office by the first Monday after the close of the drop/add date of the semester in which you intend to graduate (13th day of the Fall or Spring semester, or 10th day of the Summer Semester).
4. File an **Application for Graduation** with the Registrar. This application should be submitted to the Registrar’s Office during the **first two weeks** of the semester in which the student expects to graduate.
INSTRUCTIONAL COACHING - Master of Education in Education
(INSTCOACH.MED) (Old Code No. 849)

Note: Instructional Coaching is a professional development model to enhance instructional practice among classroom teachers. Instructional coaches are defined as peer educators who are knowledgeable in pedagogy, effectively demonstrate content expertise, and are proficient at interpersonal skills. Instructional coaches concentrate on developing relationships with classroom teachers in order to improve professional practice. This option does not lead to Oklahoma teacher certification.

I. Required Professional Education (12 hours)
   EDUC 5113 Introduction to Research
   ELEM 5693 Teaching in the Elementary School
   OR
   SECED 5833 Teaching in the Secondary School
   COUN 5513 Introduction to Counseling & Guidance
   EDPSY 5723 Advanced Psychology of Learning

II. Required Coursework (20 hours)
   EDUC 5123 Instructional Strategies for Content Coaching
   EDUC 5133 Participative Leadership
   EDUC 5143 Developing the Coaching Relationship
   EDUC 5213 Contemporary Readings in Leadership
   EDUC 5223 Motivational Strategies for Leaders
   EDUC 5233 Formative Assessment for Instructional Leaders
   EDUC 5012 Seminar in Education

III. Capstone Experience
   EDUC 5950 Graduate Capstone Experience (must be completed during final semester).
LICENSED PROFESSIONAL COUNSELOR (LPC)
Curriculum Program
(CCNSMLPC.MS) (Old Code No. 847)

Admission Requirements for Licensed Professional Counselor (LPC) Curriculum Program
*Note: This is a non-degree conferring program*

1. Bachelor’s degree from a college or university accredited by a regional accrediting association is required.
2. A graduate degree in counseling or a closely related field from a college or university accredited by a regional accrediting association is required.
   - An undergraduate or graduate statistics course is strongly recommended.
3. A graduate GPA of 3.0 or higher on a 4.0 scale.
4. An undergraduate GPA of 3.0 on a 4.0 scale.
   OR
   An undergraduate GPA of 2.5 – 2.99 on a 4.0 scale (overall undergraduate Ret/Grad GPA, (or) GPA on the last 60 semester hours) with a satisfactory minimum score with respect to the following equation of GPA and GRE scores: GPA x 100 + GRE = 530 (The GRE score will be a sum of the scores on the verbal and quantitative tests.)
5. A University Application for Admission or Readmission should be completed, either online or on paper and sent to the Registrar’s office.

The following steps should be completed and forms sent to the Graduate Office via email to graduatestudies@swosu.edu or 100 Campus Dr., Weatherford, OK 73096:

1. Application for Graduate Admission: SWOSU Website for Graduate Admission Forms
2. 9-Hour Policy Agreement
3. Official transcript(s) of all credit earned (including undergraduate)
4. Two recommendation forms
   a. These recommendations should be completed by individuals who are in a position to rate academic aptitude, motivational, and character/disposition factors.
   b. Forms should be sent directly from the reference to the Graduate Office
   c. These forms are available in the program handbook on our website.
5. An original OSBI Background Check
   - The procedure for completing the check is in the application packet.

The deadlines for application for the LPC Curriculum Program are June 1st for the Fall Semester and November 1st for the Spring Semester.

Acceptance will require completing an on-campus face-to-face interview. The interviews are typically scheduled for June for Fall applicants and November for Spring applicants. Applicants will be notified about interview information through the email address provided on the application. Interview information will not be sent out until the application deadline has
passed (Notification of interview will be sent after June 1st for the Fall semester and after November 1st for the Spring Semester).

Upon acceptance into any of these graduate programs, the candidate must successfully complete a Plan of Study with his/her advisor.

Placement into the practicum and LPC internship courses requires approval from the Departmental Internship/Practicum Approval Committee (IPAC).

**NOTE:** Meeting the minimum standards does not guarantee acceptance into the program.

Licensed Professional Counselor (LPC) Curriculum Program (Code No. 847)

Applicants must meet with their advisor to develop a plan of study. The following course sequences are based on the completion of SWOSU Department of Education programs. If your master’s degree was completed elsewhere, there might be slight variation in necessary coursework – your advisor will work with you to determine the best course of action. 

**Course requirements subject to change based on current Oklahoma Law.**

**NOTE:** SUCCESSFUL COMPLETION OF THIS COURSE SEQUENCE QUALIFIES THE CANDIDATE FOR LICENSURE APPLICATION ELIGIBILITY under the current Oklahoma rules and regulations. State law requires state application, including further supervision hours and successful completion of examinations to be licensed.

Upon completion of Master of Science degree in Community Counseling, the following courses are required:

**I. Required Core Courses (15 hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN 5423</td>
<td>Multicultural Concepts</td>
</tr>
<tr>
<td>COUN 5523</td>
<td>Career Counseling</td>
</tr>
<tr>
<td>EDPSY 5223</td>
<td>Techniques of Psychotherapy</td>
</tr>
<tr>
<td>COUN 5613</td>
<td>Internship in Counseling</td>
</tr>
</tbody>
</table>

*Plus, one of the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDPSY 5713</td>
<td>Wechsler Intelligence Scale</td>
</tr>
<tr>
<td>EDPSY 5783</td>
<td>Advanced Psych Testing</td>
</tr>
</tbody>
</table>

**II. Additional Elective Courses (12 hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDPSY 5703</td>
<td>Behavioral Intervention Strategies</td>
</tr>
<tr>
<td>EDPSY 5723</td>
<td>Advanced Psychology of Learning</td>
</tr>
<tr>
<td>EDPSY 5133</td>
<td>Crisis Intervention Techniques</td>
</tr>
<tr>
<td>EDPSY 5233</td>
<td>Advanced Psychology of Sports</td>
</tr>
<tr>
<td>EDPSY 5613</td>
<td>Clinical Supervision</td>
</tr>
<tr>
<td>EDPSY 5723</td>
<td>Media and Mental Illness</td>
</tr>
</tbody>
</table>

*(continued on next page)*
Applicable courses taken in the Master of Science degree in Community Counseling   33 Hours
For LPC School Counseling Licensure Track   27 Hours
60 Hours

Upon completion of the Master of Education degree in School Counseling, the following courses are required:

I. Required Core Courses (21 hours)
   COUN 5213  Community Counseling
   COUN 5423  Multicultural Concepts
   EDUC 5113  Intro to Research
   EDPSY 5223  Techniques of Psychotherapy
   EDPSY 5633  Advanced Abnormal Psychology
   COUN 5613  Internship in Counseling
   *Plus, one of the following courses:
   EDPSY 5713  Wechsler Intelligence Scale
   EDPSY 5783  Advanced Psych Testing

II. Additional Elective Courses (6 hours)
   COUN 5373  Theories/Techniques Family Counseling
   EDPSY 5133  Crisis Intervention Techniques

Applicable courses taken in the Master of Education degree in School Counseling   33 Hours
For LPC School Counseling Licensure Track   27 Hours
60 Hours

Upon completion of the dual School Psychology program (M.Ed. School Psychometry, Ed.S. School Psychology), the following courses are required:

I. Required Core Courses (9 hours)
   COUN 5213  Community Counseling
   COUN 5523  Career Counseling
   COUN 5613  Internship in Counseling

II. Additional Elective Courses (0 hours required; recommended for consideration)
   COUN 5373  Theories/Techniques Family Counseling
   COUN 5563  Practicum in Counseling

Applicable courses taken in the M.Ed./Ed.S. School Psychology dual track   51 Hours
For LPC Licensure Track   9 Hours
60 Hours
MANAGEMENT - Master of Science
(MANAG.MS) (Old Code No. 861)

The Master of Science in Management degree is accredited by the International Assembly for Collegiate Business Education. It is designed for those who desire an:

- immediate continuation of advanced program in business commensurate with their career objectives,
- updating of their professional training,
- advanced specialized experiences to anticipate and solve the challenge of individual occupational responsibilities (entrepreneurs and managers).

ADMISSION REQUIREMENTS FOR SWOSU

1. Bachelor’s degree from a college or university accredited by a regional accrediting association is required.
2. The University Application for Admission or Readmission (available online): SWOSU application weblink
3. International admissions: students for whom English is a second language wishing to be considered for admission to Graduate Studies must provide proof of English Language ability by submitting a minimum TOEFL score report of 79 (iBT) or a minimum IELTS score report of 6.5. See Graduate Studies pages for other international requirements.

ADMISSION REQUIREMENTS FOR THE GRADUATE SCHOOL

The following steps should be completed online:
https://www.swosu.edu/academics/graduate-studies/application.aspx

1. Application for Graduate Admission (Form A)
2. 9-hour Transfer of Credit Policy Agreement (Form B)
3. Official transcript(s) of all credit earned
4. Résumé
5. Two MS Management recommendations (Form C)
6. Complete the M.S. (Management) Inbound CPC-based Comprehensive Exam. Students are required to complete the M.S. (Management) Inbound CPC-based Comprehensive Exam prior to enrolling in any graduate courses. Applicants will be responsible for the cost of the Inbound CPC Exam. The cost of the exam is $36.00; it does not require any study preparation. A link and password to access the exam will be provided once your application for graduate admission is complete. Once you have registered for the test, you will have 48 hours to finish and only three (3) log-in attempts are allowed (initial registration counts as one, plus 2 other log-ins).
   a. Applicants will be evaluated on both the overall score and on the individual subject area scores.
   b. Students who attain a satisfactory score can then proceed with their M.S. (Management) application with no additional preparatory or prerequisite coursework.
c. Students who do not attain a satisfactory overall score will need to complete the 15-Module Academic Leveling Course. An email will be sent with further information on registering for the ALC at the time of score notification.
   i. Students must pay for all costs for the Academic Leveling Course (currently $400). College credit will not be given for this course.
   ii. This self-paced course is designed to be a primer to the student without an undergraduate degree in business or as a refresher course for the returning business major who has been out of school for a period of time.
   iii. Students who have to complete the Leveling Course will need to pass a minimum of 10 of the 15 modules before they can proceed past their initial semester.

d. Students who do not attain a satisfactory score on an individual subject area(s) will be required to successfully complete the corresponding learning module(s) in the Academic Leveling Course.
   i. The cost per learning module is $40.
   ii. The learning module is designed to be a primer for students in a specific subject area. No college credit will be given.

7. After application and satisfactory completion of the M.S. (Management) Inbound CPC exam or the Masters Academic Leveling Course, students need to schedule a meeting with the Dobson SBT Director of Graduate Programs to complete a tentative Plan of Study. Upon admission to the graduate program, the finalized Plan of Study will be placed on file with the Graduate Office and Dobson SBT Director of Graduate Programs.

COURSE WORK REQUIREMENTS

All M.S. students must complete an 18 hour required core with an additional 3-6 hours of Management electives (not previously taken at undergraduate level) as described below and 9-12 hours of guided electives in the chosen discipline.

I. Required M.S. (Management) Core (21 hours)
   ENTRP 5143 Managerial Jurisprudence
   MNGMT 5153 Managerial Ethics
   MNGMT 5163 Managerial Leadership
   MNGMT 5433 Advanced Human Resource Management
   MNGMT 5533 Management & Organizational Behavior
   MNGMT 5923 Business Strategy & Policy (CAPSTONE)
   MRKTG 5263 Marketing Strategy

II. 3 hours Management electives (not previously taken at undergraduate level; see MANAGEMENT list below)

III. 9 hours of electives in discipline option. Electives are to be selected by School of Business and Technology Director of Graduate Programs, the student, and a representative of the chosen discipline. Discipline prerequisite coursework may be required depending on the graduate
elective.*  [Discipline options: Accounting, Computer Science, Healthcare Informatics, Finance, Management, Marketing, & Technology]

<table>
<thead>
<tr>
<th>A. ACCOUNTING</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCTG 5003</td>
<td>Individual Study in Accounting (Topic)</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5013</td>
<td>Seminar in Accounting (Topic)</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5113</td>
<td>Accounting for Government/Non-Profit Organizations*</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5223</td>
<td>Computerized Accounting*</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5253</td>
<td>Introduction to Computer Forensics</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5313</td>
<td>Income Tax Accounting I*</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5323</td>
<td>Income Tax Accounting II*</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5333</td>
<td>Internship in Accounting</td>
<td></td>
</tr>
<tr>
<td>ACCTG 5633</td>
<td>Financial Accounting for Decision Making</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B. COMPUTER SCIENCE</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>COMSC 5133</td>
<td>Software Engineering</td>
<td></td>
</tr>
<tr>
<td>COMSC 5513</td>
<td>Business Intelligence</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. FINANCE</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FINAN 5003</td>
<td>Individual Study in Finance (Topic)</td>
<td></td>
</tr>
<tr>
<td>FINAN 5013</td>
<td>Seminar in Finance (Topic)</td>
<td></td>
</tr>
<tr>
<td>FINAN 5213</td>
<td>Commercial Bank Management*</td>
<td></td>
</tr>
<tr>
<td>FINAN 5233</td>
<td>Small Business Finance*</td>
<td></td>
</tr>
<tr>
<td>FINAN 5263</td>
<td>Advanced Financial Management*</td>
<td></td>
</tr>
<tr>
<td>FINAN 5333</td>
<td>Internship in Finance</td>
<td></td>
</tr>
<tr>
<td>FINAN 5393</td>
<td>International Finance*</td>
<td></td>
</tr>
<tr>
<td>FINAN 5513</td>
<td>Portfolio Management I*</td>
<td></td>
</tr>
<tr>
<td>FINAN 5523</td>
<td>Portfolio Management II*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D. HEALTHCARE INFORMATICS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HIM 5223</td>
<td>Advanced Electronic Health Records (w/ lab)*</td>
<td></td>
</tr>
<tr>
<td>HIM 5233</td>
<td>Corporate Compliance &amp; Quality Data Management in Healthcare</td>
<td></td>
</tr>
<tr>
<td>HIM 5243</td>
<td>Healthcare Informatics Research Methods</td>
<td></td>
</tr>
<tr>
<td>HIM 5253</td>
<td>Legal &amp; Privacy Issues in Healthcare Informatics</td>
<td></td>
</tr>
<tr>
<td>HIM 5263</td>
<td>Healthcare Vocabularies &amp; Clinical Terminologies</td>
<td></td>
</tr>
<tr>
<td>HIM 5273</td>
<td>Data Integrity, Data Mining, &amp; Healthcare Care Warehousing</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E. MANAGEMENT</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MNGMT 5003</td>
<td>Individual Study in Management (Topic)</td>
<td></td>
</tr>
<tr>
<td>MNGMT 5013</td>
<td>Seminar in Management (Topic)</td>
<td></td>
</tr>
<tr>
<td>MNGMT 5113</td>
<td>Gender Issues in HR Management &amp; Development</td>
<td></td>
</tr>
<tr>
<td>MNGMT 5183</td>
<td>Sales Skills &amp; Management</td>
<td></td>
</tr>
<tr>
<td>MNGMT 5213</td>
<td>Crisis Management</td>
<td></td>
</tr>
<tr>
<td>MNGMT 5223</td>
<td>Innovative Management Technologies</td>
<td></td>
</tr>
<tr>
<td>MNGMT 5233</td>
<td>Entrepreneurship &amp; New Venture</td>
<td></td>
</tr>
<tr>
<td>MNGMT 5243</td>
<td>Practical Management Skills</td>
<td></td>
</tr>
</tbody>
</table>

48
MNGMT 5313  Event Management  
MNGMT 5323  Project Management  
MNGMT 5333  Internship in Management  
MNGMT 5633  International Management  
MNGMT 5643  Advanced Quantitative Methods/POM  
MNGMT 5923  Business Strategy & Policy  

F.  MARKETING  
MRKTG 5003  Individual Study in Marketing (Topic)  
MRKTG 5013  Seminar in Marketing (Topic)  
MRKTG 5123  Services Marketing  
MRKTG 5133  Sports Marketing  
MRKTG 5183  Sales Skills & Management  
MRKTG 5243  Marketing Research  
MRKTG 5333  Internship in Marketing  
MRKTG 5643  International Marketing  

G.  TECHNOLOGY  
MFET 5433  Automation/Robotics  
TECH 5000-4  Individual Study in Technology (Topic)  
TECH 5010-4  Seminar in Technology (Topic)  
TECH 5123  Industrial Supervision  
TECH 5173  Environmental Regulations  
TECH 5243  3D CAD Solidworks  
TECH 5373  Economic Decision Analysis  
TECH 5453  Industrial Plastics  
TECH 5513  Materials Testing & Analysis  
TECH 5823  Industrial Electronics  
TECH 5833  Communication Electronics  
TECH 5843  Industrial Controls  
TECH 5853  Instrumentation & Metrology  
TECH 5913  Manufacturing Enterprises  

GRADUATION REQUIREMENTS  
1. Completion of an approved 33-hour program of required and elective courses.  
2. Maintenance of a grade point average of 3.0 (4.0 scale) with no more than six hours of “C” grade accepted toward degree requirements.  
3. With the assistance of the Director of Graduate Programs, complete an Application for Admission to Candidacy after the completion of 24-30 semester hours of graduate work. Obtain appropriate signatures and submit the Application for Admission to Candidacy form to the Graduate Office (HEC 104). The completed/signed form must reach the Graduate Office by the first Monday after the close of the drop/add date of the semester in which you intend to graduate.  
4. File an Application for Graduation with the Registrar. This application should be submitted to the Registrar’s Office during the first two weeks of the semester in which the student expects to graduate.
5. Each M.S. (Management) graduate must complete the M.S. (Management) Outbound CPC-based Comprehensive Exam during the last semester of their M.S. (Management) program.
MATHEMATICS - Master of Education in Education
Secondary Education
(MATHSECON.MED) (Old Code No. 812)

Combined undergraduate and graduate work in mathematics must total at least 52 semester hours. The undergraduate and graduate total shall be on the level of College Algebra or higher. The combined total shall include Calculus III and at least one graduate course each in algebra and geometry. Prerequisites: Completion of 36 undergraduate semester hours in mathematics.

I. Required Professional Education Core
EDUC 5113 Introduction to Research
COUN 5513 Introduction to Counseling & Guidance
EDPSY 5723 Advanced Psychology of Learning
SECED 5833 Teaching in Secondary School

II. Required courses in Mathematics: A minimum of 12 semester hours from the following (including at least one 5000 level course):
Mathematics Courses for Secondary Teachers
MATH 3113 Foundations in Mathematics
MATH 3433 Statistics I
MATH 3473 Introduction to Probability
MATH 3453 Mathematical Statistics
MATH 3533 Technology and Programming in Math
MATH 3553 Numerical Analysis
MATH 3653 Linear Algebra
MATH 3673 Elementary Number Theory
MATH 3713 College Geometry
MATH 4011-4 Seminar in Mathematics (Topic)
MATH 4133 Introduction to Mathematical Logic
MATH 4153 History of Mathematics
MATH 4213 Differential Equations I
MATH 4223 Differential Equations II
MATH 4233 Vector Analysis
MATH 4653 Modern Algebra
MATH 4753 Intro to Point Set Topology
MATH 4853 Advanced Calculus
MATH 4873 Complex Variables
MATH 5011-4 Seminar in Mathematics (Topic)
MATH 5612 Linear Algebra for Secondary Schools
MATH 5632 Abstract Algebra for Secondary Schools
MATH 5712 Current Trends in Secondary School Geometry
MATH 5812 Real Numbers

III. Other approved course work to make a total of at least 32 semester hours.
IV. EDUC 5950 Capstone Experience (must be completed during final semester)
Master of Music Degree Information

The Master of Music degree program provides advanced studies in music education, as well as solo and ensemble performance. Graduate programs in music are for those students who hold a baccalaureate degree in music. Objectives of the program are:

- To improve the quality of the student’s musical performances through instruction and supervised experience in public performance;
- To improve the student’s proficiency in composing and analyzing music;
- To help the student improve the knowledge and skills necessary to teach music in public schools and universities;
- To foster respect for the integral role music plays in contemporary society and in education and to develop the ability of professional musicians to communicate that role to the general public; and
- To help the student develop detailed knowledge of music research, music literature, music history, and music theory.

Admission

In addition to the University and graduate studies admission requirements listed, applicants for the Master of Music degree must meet the following multiple measures for admission to the degree program:

1. Two letters of recommendation from individuals qualified to rate the applicant’s academic aptitude and motivation.
2. Advisory exams, administered by the department in music history and music theory, to be completed during the first period of enrollment.
3. For performance majors: An entrance audition of 30 minutes length representing a variety of styles and composers.
4. For music education majors: A brief performance audition in the major applied area.
5. A bachelor’s degree in music, music education, music performance or the equivalency from a NASM accredited institution.

Information about exams and the graduate program in Music may be obtained from the Director of Graduate Studies in the Department of Music.

General Requirements

Candidates for the Master of Music degree must complete a minimum of 32 hours of approved coursework and maintain a minimum graduate grade point average of 3.0. Only applied music grades of “A” or “B” will count toward requirements for the degree. The student must remove all deficiencies identified by advisory examinations. The deficiencies may be removed by satisfactorily completing additional coursework in deficiency areas as directed by the Graduate Committee. All candidates for the Master of Music degree must pass comprehensive exams. Performance majors must present at least one public recital. The recital content and length must be approved by the Graduate Committee.
Graduate Committee
The Director of Graduate Studies in the Department of Music with approval of the chair and advisement of the faculty, shall appoint for each student a Graduate Committee of not fewer than three faculty members from the Music Department. Members of the committee should represent the various areas of applied music, music theory, music history, and music education. The committee will review the candidate’s advisory examinations, construct and approve a final form of the program, and administer the final comprehensive examination.
MUSIC EDUCATION (CHORAL) - Master of Music  
(CMEDM.MM) (Old Code No. 881)

I. Prerequisites for admission: (1) A bachelor's degree in music, (2) completion of requirements for public school certification in Music, and (3) completion of advisory examinations.

II. Course Requirements (32 hours)
   A. Music Education (11 hours)
      MUSIC 5283 Qualitative & Quantitative Research in Music  
      MUSIC 5302 Music Program Administration  
      MUSIC 5512 Advanced Vocal Methods  
      MUSIC 5762 Advanced Conducting  
      MUSIC 5882 Foundations of Music Education

   B. Music History and Literature (6 hours)
      MUSIC 5542 Advanced Choral Literature (Required)
      Choose two of the Music History courses below:
      MUSIC 5172 Music of the Baroque  
      MUSIC 5702 Music of the Classic Era  
      MUSIC 5752 Music of the Romantic Era  
      MUSIC 5802 Music of the Twentieth Century

   C. Music Theory (4 hours)
      MUSIC 5102 Forms and Analysis  
      MUSIC 5132 Music Theory Survey

   D. Individual Voice Lessons (3-4 hours)

   E. Choral Ensemble (1-2 hours)

   F. Electives (2-4 hours to reach 32 total hours)
      These courses must be approved before enrollment by the student's graduate committee. Choices and approval will reflect the results of the advisory exams. No more than two hours may be from workshops.

   G. MUSIC 5100 Final Comprehensive Examination

   H. MUSIC 5122 Thesis (2 hours)
MUSIC EDUCATION (INSTRUMENTAL) - Master of Music
(MUED.MM) (Old Code No. 880)

I. Prerequisites for admission: (1) A bachelor’s degree in music, (2) completion of requirements for public school certification in music, and (3) completion of advisory examinations.

II. Course Requirements (32 hours minimum)
A. Music Education (11 hours)
   MUSIC 5283 Qualitative and Quantitative Research in Music
   MUSIC 5252 Instrumental Problems
   MUSIC 5302 Music Program Administration
   MUSIC 5762 Advanced Conducting
   MUSIC 5882 Foundations of Music Education

B. Music History and Literature (6 hours)
   MUSIC 5482 Advanced Instrumental Literature (Required)

   AND Choose two of the Music History courses below:
   MUSIC 5172 Music of the Baroque
   MUSIC 5702 Music of the Classic Era
   MUSIC 5752 Music of the Romantic Era
   MUSIC 5802 Music of the Twentieth Century

C. Music Theory (4 hours)
   MUSIC 5102 Forms and Analysis
   MUSIC 5132 Music Theory Survey

D. Individual Lessons-Major Instrument (3-4 hours)

E. Instrumental Ensemble (1-2 hours)

F. Electives (2-4 hours to reach total 32 hours)
These courses must be approved by the student’s graduate committee. Choices and approval will reflect the results of the advisory exams. No more than two hours may be from workshops.

G. MUSIC 5100 Final Comprehensive Examination.

H. MUSIC 5122 Thesis (2 hours)
MUSIC PERFORMANCE - Master of Music  
(MUPER.MM) (Old Code No. 870)

I. Prerequisites for admission: (1) a bachelor’s degree in music, (2) completion of advisory examinations and entrance audition.

II. Course Requirements (32 hours minimum)
A. Applied Music (10 hours)
   Applied Music study (individual lessons) in major area (8 hours)
   MUSIC  5972  Graduate Recital and Research (2 hours)

B. MUSIC  5283  Qualitative and Quantitative Research in Music

C. Music History and Literature (6 hours)
   (Choose two of the Music History courses below)
   MUSIC  5172  Music of the Baroque
   MUSIC  5702  Music of the Classic Era
   MUSIC  5752  Music of the Romantic Era
   MUSIC  5802  Music of the Twentieth Century
   Choose the one two-hour course below that is appropriate to your performance emphasis:
   MUSIC  5482  Advanced Instrumental Literature
   MUSIC  5002  Individual Study in Solo Materials
   OR
   MUSIC  5012  Seminar in Solo Materials

D. Music Pedagogy (2-4 hours)
   Choose the appropriate course(s) from the list below:
   MUSIC  5012  Seminar in Advanced Piano Pedagogy (Piano Majors)
   MUSIC  5402  Seminar in Advanced Individual Instrumental Techniques
                (Orchestral Instrument Majors)
   MUSIC  5012  Seminar in Advanced Vocal Pedagogy (2 hours) (Voice Majors)
   MUSIC  5782  Language Diction (2 hours) (Voice Majors)

E. Music Theory (4 hours)
   MUSIC  5102  Forms and Analysis
   MUSIC  5132  Music Theory Survey

F. Ensemble (appropriate to degree emphasis; 2 to 4 hours)

G. Electives (2-4 hours to reach total 32 hours)
   These courses must be approved by the student’s graduate committee.
   Choices and approval will reflect the results of the advisory exams.
   No more than two hours may be from workshops.

H. MUSIC  5100  Final Comprehensive Examination
MUSIC THERAPY - Master of Music
.MM) (Old Code No. 882)

I. Prerequisites for admission: (1) A bachelor’s degree in music therapy or equivalent, and (2) completion of advisory examinations.

II. Course Requirements (32 hours minimum)
   A. Music Therapy (10-11 hours)
      Required Courses (7 hours)
      MUSIC 5283 Qualitative & Quantitative Research in Music
      MUSIC 5141 Music Therapy Clinical Supervision (must be taken twice; may be taken more than twice)
      MUSIC 5221 Advanced Field Studies (must be taken twice; may be taken more than twice)
      Choose 2 courses below (6 hours)
      MUSIC 5153 Advanced Theoretical Orientations & Clinical Techniques in Music Therapy
      MUSIC 5233 History & Contemporary Global/Cultural Issues in Music Therapy
      MUSIC 5243 Advanced Studies in Music Therapy and Adults
      MUSIC 5263 Legislative & Business Issues in Music Therapy Practices
      MUSIC 5273 Advanced Music Therapy Improvisations and Song Writing
   B. Music History & Literature (4 hours)
      Choose two of the Music History courses below:
      MUSIC 5172 Music of the Baroque
      MUSIC 5702 Music of the Classic Era
      MUSIC 5752 Music of the Romantic Era
      MUSIC 5802 Music of the Twentieth Century
   C. Music Theory (4 hours)
      MUSIC 5102 Forms and Analysis (2 hours)
      MUSIC 5132 Music Theory Survey
   D. Applied Music Lessons & Ensembles (2 hours, as appropriate to degree emphasis)
   E. Electives (7 hours) -- As approved by advisor; could include additional Music Therapy, Music Literature, or Pedagogy, additional ensembles, Psychology, Education Administration, or Business courses.
   F. Thesis (2 hours)
      MUSIC 5982 Thesis (Music Therapy)
   G. Final Comprehensive Examination (0 hours)
      MUSIC 5100 Final Comprehensive Examination
NATURAL SCIENCES - Master of Education in Education
Secondary Education
(NSEDM.MED) (Old Code No. 814)

I. Prerequisites: Completion of a minimum of 20 undergraduate semester hours in one area of the Natural Sciences (Biology, Chemistry, Earth Science, or Physics) and a minimum of 20 undergraduate semester hours in one or a combination of the other three natural science areas. The total minimum prerequisite is 40 hours of approved science coursework.

II. Required Professional Education Core
   EDUC 5113 Introduction to Research
   COUN 5513 Introduction to Counseling & Guidance
   EDPSY 5723 Advanced Psychology of Learning
   SECED 5833 Teaching in Secondary School

III. Specialization: (16 hours - including one 5000-level course): Students must select a program to include courses from the Biological Sciences, Chemistry, Earth Sciences, and/or Physics.

Credit for Summer Activities: Students who attend summer courses at the Gulf Coast Marine Research Laboratory (with which SWOSU is affiliated), the University of Oklahoma Biological Station, or other institutions of higher education may be able to use those courses toward their biology degree. Likewise, students may earn college credit for some summer research positions and internships. Students who are considering such courses should meet with the Department Chair, prior to enrolling, to determine if these courses may be used toward their degree.

IV. Other approved course work to make a total of at least 32 semester hours.

V. Capstone Experience
   EDUC 5950 Graduate Capstone Experience (must be completed during the final semester). The Capstone Experience for this degree will consist of a research project (see VI. below), which will be reviewed by the student’s major advisor and two committee members.

VI. Research project: The student will be required to complete an approved research topic and submit a written paper and present a seminar to the faculty. This research may be taken for two to four hours credit. The research topic may be in one of the disciplines of the Natural Sciences or in the area of Science Education.
NURSING - Master of Science
Nursing Administration (Code No. 851)
Nursing Education (Code No. 853)

ADMISSION REQUIREMENTS
1. Bachelor’s degree or diploma from an accredited nursing program (CCNE or ACEN, formerly NLNAC), or those who are in the last semester of their BSN degree.
2. A resident of a SARA-approved state.
3. Retention GPA of 3.0 or above on a 4.0 scale for all previous college/university work. Students with < 3.0 GPA will be considered for admission on probation.
4. Must possess a registered nursing license or obtain one within their first semester of coursework.
5. A University Application for Admission or Readmission should be completed and sent to the Registrar’s Office.
   The following steps should be completed and forms sent to the Graduate Office (graduatestudies@swosu.edu) as an attachment:
   a. Application for Graduate Admission.
   b. 9-hour Transfer of Credit Policy Agreement.
   c. Official transcript(s) of all credit earned.
   d. After acceptance into the nursing program, the student will be assigned a faculty advisor, who will contact the student to develop a plan of study for program completion. The student must complete the MSN degree within five (5) years after beginning the nursing program.

COURSE WORK REQUIREMENTS All M.S. students must complete all required course work below

I. Core Courses - required for all students in all SWOSU MSN programs (15 hour core shared by all MSN degrees)
   NURS 5023  Nurse as Scholar
   NURS 5033  Global Health and Advanced Practice Nursing
   NURS 5043  Transition to Advanced Practice Roles
   NURS 5053  Quality Improvement, Safety, and Ethics
   NURS 5063  Information and Healthcare Technology

II. Options
A. Courses required for Master of Science in Nursing - Administration Option (15 hours of required courses)
   NURS 5073  Principles of Nursing Management
   NURS 5083  Business Communication in Healthcare
   NURS 5093  Performance Standards and Personnel
   NURS 5103  Healthcare Budgeting
   NURS 5113  Management Practicum
B. Courses required for **Master of Science in Nursing - Education** Option (15 hours of required courses)

- NURS 5173 Facilitating Student Learning
- NURS 5183 Clinical Teaching and Evaluation
- NURS 5193 Instructional Design, Curriculum Development, and Challenges
- NURS 5203 Assessment and Evaluation in Nursing Education
- NURS 5213 Nursing Education Practicum

III. Electives shared by all MSN options (students choose 1 course/3 hours):

- NURS 5123 Coaching and Mentoring in Nursing Leadership
- NURS 5133 Grant Writing, Academic Writing, and Publishing
- NURS 5143 Online Nursing Education

**GRADUATION REQUIREMENTS**

1. **Completion** of the approved 33-hour program of required courses.

2. **Maintenance** of a grade point average of 3.0 (4.0 scale) with no more than six hours of “C” grade accepted toward degree requirements.

3. With the assistance of the Director of Graduate Programs, complete an **Application for Admission to Candidacy** after the completion of 24-30 semester hours of graduate work. Obtain appropriate signatures and submit the Application for Admission to Candidacy form to the Graduate Office (EDU 104). The completed/signed form must reach the Graduate Office by the first Monday after the close of the drop/add date of the semester in which you intend to graduate (13th day of the Fall or Spring semester, or 10th day of the Summer Semester).

4. File an **Application for Graduation** with the Registrar. This application should be submitted to the Registrar’s Office during the *first two weeks* of the semester in which the student expects to graduate.
PARKS AND RECREATION MANAGEMENT -  
Master of Education in Education  
Non-Certification Track  
(PRMM.MED) (Old Code No. 843)

I. Prerequisites: Completion of 24 undergraduate semester hours in Parks & Recreation Management (PRM) or related areas.

II. Mandatory prerequisite course includes PRM 2102 Foundations of Parks and Recreation

III. Required Professional Education and Psychology Core (6 hours)

   EDUC 5113   Introduction to Research  
   EDPSY 5723   Advanced Psychology of Learning

IV. Required courses in Parks and Recreation Management

   G. Required PRM Core (5 hours)
      PRM 5103   Internship in Parks and Recreation Management  
      PRM 5902   Directed Readings in Parks and Recreation Management

   H. PRM Electives (18 hours)
      PRM 3211   Outdoor Education/Adventure Program  
      NRM 4172   Natural Resource Law  
      PRM 3421   Ropes Course Facilitation  
      NRM 4201   The Park Ranger  
      PRM 3452   Advanced Ropes  
      NRM 4211   Game & Fish Law  
      PRM 3663   Recreation Management  
      NRM 4773   Natural Resource Management  
      PRM 3882   Recreational Areas & Facilities Mgmt  
      NRM 4782   Resource Interpretation  
      PRM 4113   Risk Management in Recreation  
      NRM 4792   Land Use Planning  
      PRM 4163   Community Recreation  
      NRM 4812   Wildlife Management  
      NRM 4832   Wildlife Habitat Management  
      NRM 4192   Bird ID for Wildlife Managers  
      NRM 4162   Mountain Resource Management  
      PRM 4221   Small Craft Safety  
      NRM 5001-4 Grad Seminar in Natural Resource Mgmt  
      PRM 4404   Legal Issues  
      NRM 5001-4 Grad Independent Study in Nat Res Mgmt  
      PRM 4641   Terrorism (law enforcement & military only)  
      PSYCH 5233   Advanced Psychology of Sports  
      PRM 4343   Intro to Criminal Investigations  
      PSYCH 5243   Practical Policy Psychology  
      PRM 4663   Outdoor Recreation
SPRTM 5503 Advanced Sports Management
PRM 5001-4 Grad Seminar in PRM
PRM 5001-4 Grad Independent Study in PRM

I. Required PRM Research Capstone (3 hours)
PRM 5203 Research in Parks & Recreation Management (3 hours)
Required graduate capstone project to be determined by the candidate in conjunction with graduate advisor. The graduate project may be a theoretical or applied research effort.

V. Approved coursework to total 32 semester hours.

VI. Combined undergraduate and graduate work in Parks and Recreation Management must total at least 44 semester hours.
# READING SPECIALIST - Master of Education in Education

Elementary/Secondary Education  
(RDSPE.MED) (Old Code No. 816)

Prerequisites: In order to complete this master's degree and meet certification requirements, the candidate must have completed an approved program in Elementary Education, Early Childhood Education, or Special Education OR hold a teaching certificate in one of those areas.

## I. Required Courses (9 Hours Required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SECED 5833</td>
<td>Teaching in the Secondary School</td>
</tr>
<tr>
<td>EDUC 5113</td>
<td>Introduction to Research</td>
</tr>
<tr>
<td>EDPSY 5723</td>
<td>Advanced Psychology of Learning</td>
</tr>
</tbody>
</table>

## II. Reading Specialization Core (21 Hours Required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDNG 5183</td>
<td>Analysis of Reading Systems</td>
</tr>
<tr>
<td>RDNG 5413</td>
<td>Foundations of Reading</td>
</tr>
<tr>
<td>RDNG 5463</td>
<td>Org. and Supervision of Reading Instruction</td>
</tr>
<tr>
<td>RDNG 5423</td>
<td>Diagnosis/Remediation of Reading I</td>
</tr>
<tr>
<td>RDNG 5433</td>
<td>Diagnosis/Remediation of Reading II</td>
</tr>
<tr>
<td>RDNG 5443</td>
<td>Practicum in Reading</td>
</tr>
<tr>
<td>RDNG 5453</td>
<td>Practicum in Reading</td>
</tr>
</tbody>
</table>

## III. Capstone Experience

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDNG 5953</td>
<td>Reading Capstone Experience (must be completed during the final semester)</td>
</tr>
</tbody>
</table>

## IV. Total Required for the Master of Education Degree 33 Hours

Certification Requirements

1. Completion of Master’s degree  
2. Successful passage of the appropriate Oklahoma Subject Area Examination

Upon completion of all requirements,

a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign On System link](https://okstate.gov/education/)

b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link [SWOSU Teacher Certification Recommendation Request link](https://swosu.edu/education/certification/). Candidates will be notified by email when their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign On System link](https://okstate.gov/education/)
SCHOOL COUNSELING - Master of Education  
(SCCNS.MED) (Old Code No. 818)

Admission Requirements

1. Bachelor’s degree from a college or university accredited by a regional accrediting association is required.
2. A cumulative undergraduate GPA of 3.0 on a 4.0 scale.
   OR
   A cumulative undergraduate GPA of 2.5 – 2.99 on a 4.0 scale (overall undergraduate Ret/Grad GPA, (or) GPA on the last 60 semester hours) with a satisfactory minimum score with respect to the following equation of GPA and GRE scores: \( \text{GPA} \times 100 + \text{GRE} = 530 \)  
   (The GRE score will be a sum of the scores on the verbal and quantitative tests.)
3. University Application for Admission or Readmission should be completed, either online or on paper and sent to the Registrar’s office.

The following steps should be completed and forms sent to the Graduate Office via email to graduatetudies@swosu.edu or 100 Campus Dr., Weatherford, OK 73096:

1. Application for Graduate Admission SWOSU Website for Graduate Admission Forms
2. 9-Hour Policy Agreement
3. Official transcript(s) of all credit earned
4. Two recommendation forms
5. These recommendations should be completed by individuals who are in a position to rate academic aptitude, motivational, and character/disposition factors.
6. Forms should be sent directly from the reference to the Graduate Office
7. These forms are available in the program handbook on the psychology department website.
8. An original OSBI Background Check
9. The procedure for completing the check is in the application packet.

The deadlines for application for the M.Ed. program in School Counseling are June 1st for the Fall Semester and November 1st for the Spring Semester.

Acceptance will require completing an on-campus face-to-face interview. The interviews are typically scheduled for June for Fall applicants and November for Spring applicants. Applicants will be notified about interview information through the email address provided on the application. Interview information will not be sent out until the application deadline has passed (Notification of interview will be sent after June 1st for the Fall semester and after November 1st for the Spring Semester).

Candidates in the area of School Counseling must complete a culminating portfolio the final semester of graduate school. (Specific guidelines will be provided upon admission).
Upon acceptance into any of these graduate programs, the candidate must successfully complete a Plan of Study with his/her advisor. Placement into the practicum and LPC internship courses requires approval from the Departmental Internship/Practicum Approval Committee (IPAC). NOTE: Meeting the minimum standards does not guarantee acceptance into the program.

I. Required Professional Education and Psychology Core (15 hours)
   COUN 5893 Ethical, Legal/Professional Standards
   COUN 5593 Advanced Tests & Measurements
   COUN 5513 Introduction to Counseling & Guidance
   EDPSY 5723 Advanced Psychology of Learning
   EDPSY 5743 Life Span Development

II. Required School Counseling Specialization Core (18 hours)
    COUN 5503 Development of School Guidance Programs
    COUN 5523 Career Counseling
    COUN 5543 Theories of Counseling
    COUN 5553 Theories/Techniques Group Counseling
    EDPSY 5703 Behavioral Intervention Strategies
    COUN 5563 Practicum in Counseling (150 clock hours included)

III. Capstone Experience
    EDUC 5950 Graduate Capstone Experience (must be successfully completed final semester; may only be repeated once.)

IV. Total Required for the Master's Degree - 33 Hours

Certification Requirements for School Counseling
   1. Completion of master's degree
   2. Successful passage of the appropriate Oklahoma Subject Area Examination
   3. Hold an appropriate/valid teaching certificate

Upon completion of all requirements,
   a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign on System link
   b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link SWOSU Teacher Certification Recommendation Request link, Candidates will be notified by email when their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign on System link

65
NOTE: Completion of the Master of Education degree in School Counseling is applicable towards academic eligibility requirements for the Licensed Professional Counselor (LPC) act. See the LPC Curriculum Program for information regarding application and LPC coursework requirements.
SCHOOL PSYCHOMETRY - Master of Education  
(SCPSM.MED) (Old Code No. 819)

Admission Requirements

1. Bachelor’s degree from a college or university accredited by a regional accrediting association is required
2. An undergraduate or graduate statistics course and one undergraduate or graduate course in Special Education.
   A. A cumulative undergraduate GPA of 3.0 on a 4.0 scale.
   OR
   B. A cumulative undergraduate GPA of 2.5 – 2.99 on a 4.0 scale (overall undergraduate Ret/Grad GPA, (or) GPA on the last 60 semester hours) with a satisfactory minimum score with respect to the following equation of GPA and GRE scores: \( \text{GPA} \times 100 + \text{GRE} = 530 \) (The GRE score will be a sum of the scores on the verbal and quantitative tests.)
3. **University Application for Admission or Readmission** should be completed, either online or on paper and sent to the Registrar’s office.

The following steps should be completed and forms sent to the Graduate Office via email to graduatestudies@swosu.edu or 100 Campus Dr., Weatherford, OK 73096:

1. **Application** for Graduate Admission
2. 9-Hour Policy Agreement
3. **Official** transcript(s) of all credit earned
4. Two recommendation forms
   A. These recommendations should be completed by individuals who are in a position to rate academic aptitude, motivational, and character/disposition factors.
   B. Forms should be sent directly from the reference to the Graduate Office
   C. These forms are available in the program handbook on the psychology department website.

5. **An original OSBI Background Check**
   A. The procedure for completing the check is in the application packet.

The **deadlines** for application for the M.Ed. program in School Psychometry are June 1st for the Fall Semester and November 1st for the Spring Semester.

Acceptance will require completing an on-campus face-to-face interview. The interviews are typically scheduled for June for Fall applicants and November for Spring applicants. Applicants will be notified about interview information through the email address provided on the application. Interview information will not be sent out until the application deadline has passed (Notification of interview will be sent after June 1st for the Fall semester and after November 1st for the Spring Semester).

Candidates in the area of School Counseling must complete a Culminating Portfolio the final semester of graduate school. (Specific guidelines will be provided upon admission).
Upon acceptance into any of these graduate programs, the candidate must successfully complete a Plan of Study with his/her advisor.

Placement into the practicum and LPC internship courses requires approval from the Departmental Internship/Practicum Approval Committee (IPAC).

NOTE: Meeting the minimum standards does not guarantee acceptance into the program.

I. Required Professional Education and Psychology Core (15 hours)
   COUN 5893 Ethical, Legal/Professional Standards
   COUN 5593 Advanced Tests and Measurements
   EDPSY 5433 Introduction to School Psychology
   EDPSY 5723 Advanced Psychology of Learning
   EDPSY 5743 Life Span Development

II. Required School Psychometry Specialization Core (18 hours)
    COUN 5423 Multicultural Concepts
    EDPSY 5563 Special Diagnostic Methods
    EDPSY 5613 Binet/Woodcock Johnson
    EDPSY 5713 Wechsler Intelligence Scale
    EDPSY 5703 Behavioral Intervention Strategies
    EDPSY 5783 Practicum School Psychometry (150 clock hours included)

III. Capstone Experience
     EDUC 5950 Graduate Capstone Experience (must be successfully completed during final semester; may only be repeated once.)

IV. Total Required for the Master's Degree - 33 Hours

Certification Requirements for School Psychometry

1. Completion of a Master’s degree.

2. Successful passage of the appropriate Oklahoma Subject Area Test and the Oklahoma Professional Teaching Examination.*

Upon completion of all requirements,
   a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign on System link
   b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link SWOSU Teacher Certification Recommendation Request link. Candidates will be notified by email when
their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign on System link].

*If the candidate does not possess a valid teaching certificate, successful passage of the Oklahoma General Education Test and Oklahoma Professional Teaching Examination is also required.
SOCIAL SCIENCES - Master of Education in Education
Secondary Education
(SOCSCI.MED) (Old Code No. 820)

I. Prerequisites: Completion of 24 undergraduate semester hours in courses in Social Sciences.

II. Required Professional Education Core
EDUC  5113  Introduction to Research
COUN  5513  Introduction to Counseling & Guidance
EDPSY 5723  Advanced Psychology of Learning
SECED 5833  Teaching in Secondary School

III. Required Courses in Social Sciences: A minimum of 16 semester hours selected from the following courses, including at least one 5000 level course.

A. Criminal Justice
CRMJS 3163  Sociology of Deviant & Criminal Behavior
CRMJS 3243  Comparative Criminal Justice System
CRMJS 3353  The Criminal Mind
CRMJS 3523  Criminology
CRMJS 3803  Privatization of Criminal Justice
CRMJS 4012  Seminar in Criminal Justice
CRMJS 4013  Seminar in Criminal Justice
CRMJS 4103  Juvenile Justice
CRMJS 4143  Critical Issues in Criminal Justice
CRMJS 4153  U.S. Corrections
CRMJS 4333  Victimology
CRMJS 4903  Directed Readings in Criminal Justice
CRMJS 5903  Directed Readings in Criminal Justice

B. Economics
ECONO 3863  Money and Banking
ECONO 4003  Independent Study in Economics (Topic)
ECONO 4013  Seminar in Economics (Topic)
ECONO 4563  Managerial Economics
ECONO 4963  International Economics
ECONO 5653  Advanced Managerial Economics
ECONO 5763  Advanced Business Statistics

C. History
HIST  3043  Early Modern Europe
HIST  3063  History of Ireland
HIST  3083  Nationalism and Ethnicity
HIST  3103  Medieval England
HIST  3113  Tudor England
HIST  3173  History of Ideas
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 3193</td>
<td>The European Union</td>
</tr>
<tr>
<td>HIST 3203</td>
<td>History of Germany, 9 A.D. - 1989</td>
</tr>
<tr>
<td>HIST 3303</td>
<td>History of Imperial Russia</td>
</tr>
<tr>
<td>HIST 3403</td>
<td>Modern France</td>
</tr>
<tr>
<td>HIST 3503</td>
<td>Early Christian Thought</td>
</tr>
<tr>
<td>HIST 3603</td>
<td>20th Century World History</td>
</tr>
<tr>
<td>HIST 4011-4</td>
<td>Seminar in History</td>
</tr>
<tr>
<td>HIST 4023</td>
<td>Colonial America: 1492-1765</td>
</tr>
<tr>
<td>HIST 4033</td>
<td>Revolutionary America: 1765-1808</td>
</tr>
<tr>
<td>HIST 4043</td>
<td>New Nation and Age of Jackson: 1808-1850</td>
</tr>
<tr>
<td>HIST 4053</td>
<td>Civil War and Reconstruction: 1850-1877</td>
</tr>
<tr>
<td>HIST 4063</td>
<td>Gilded Age/Progressive Era</td>
</tr>
<tr>
<td>HIST 4073</td>
<td>20th Century America: 1915-1950</td>
</tr>
<tr>
<td>HIST 4083</td>
<td>America Since 1970</td>
</tr>
<tr>
<td>HIST 4093</td>
<td>Historical Research and Writing</td>
</tr>
<tr>
<td>HIST 4103</td>
<td>American Indians</td>
</tr>
<tr>
<td>HIST 4123</td>
<td>America in the 1950s and 1960s</td>
</tr>
<tr>
<td>HIST 4133</td>
<td>Women in American History</td>
</tr>
<tr>
<td>HIST 4203</td>
<td>Old South</td>
</tr>
<tr>
<td>HIST 4213</td>
<td>New South</td>
</tr>
<tr>
<td>HIST 4313</td>
<td>American West</td>
</tr>
<tr>
<td>HIST 4353</td>
<td>History of Oklahoma</td>
</tr>
<tr>
<td>HIST 4503</td>
<td>American Diplomatic History</td>
</tr>
<tr>
<td>HIST 4901-4</td>
<td>Directed Readings in History</td>
</tr>
<tr>
<td>HIST 5093</td>
<td>Historiography</td>
</tr>
<tr>
<td>HIST 5011-4</td>
<td>Seminar in History</td>
</tr>
<tr>
<td>HIST 5901-4</td>
<td>Directed Readings in History</td>
</tr>
</tbody>
</table>

D. Political Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLSC 3003</td>
<td>Federal Constitution</td>
</tr>
<tr>
<td>POLSC 3033</td>
<td>Political Parties</td>
</tr>
<tr>
<td>POLSC 3113</td>
<td>Political Theory</td>
</tr>
<tr>
<td>POLSC 3163</td>
<td>Principles of International Relations</td>
</tr>
<tr>
<td>POLSC 3323</td>
<td>Legislative-Executive Relations</td>
</tr>
<tr>
<td>POLSC 3343</td>
<td>Women and Politics</td>
</tr>
<tr>
<td>POLSC 3353</td>
<td>Model United Nations I</td>
</tr>
<tr>
<td>POLSC 3373</td>
<td>Model United Nations II</td>
</tr>
<tr>
<td>POLSC 3363</td>
<td>Public Administration Theory and Practice</td>
</tr>
<tr>
<td>POLSC 4013</td>
<td>Seminar in Political Science</td>
</tr>
<tr>
<td>POLSC 4233</td>
<td>Urban Politics and Election System</td>
</tr>
<tr>
<td>POLSC 4253</td>
<td>International Law</td>
</tr>
<tr>
<td>POLSC 4303</td>
<td>International Organizations</td>
</tr>
<tr>
<td>POLSC 4403</td>
<td>Public Policy Formation</td>
</tr>
<tr>
<td>POLSC 4613</td>
<td>Civil Rights and Liberties</td>
</tr>
<tr>
<td>POLSC 4903</td>
<td>Directed Reading in Political Science</td>
</tr>
<tr>
<td>POLSC 5903</td>
<td>Directed Reading in Political Science</td>
</tr>
</tbody>
</table>
E. Sociology
SOCIO 3043 Racial and Cultural Minorities
SOCIO 3163 Sociology of Deviant and Criminal Behavior
SOCIO 4013 Seminar in Sociology
SOCIO 4033 Advanced Analysis of Social Problems

F. Social Sciences
SOCSC 3853 Statistics for the Social Sciences
SOCSC 3863 Fundamentals of Research
SOCSC 4133 Teachers Course in the Social Sciences

IV. Capstone Experience
EDUC 5950 Graduate Capstone Experience (must be completed in the final semester)

V. Other approved course work to make a total of at least 32 semester hours.

Upon completion of all requirements,

a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign on System link

b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link SWOSU Teacher Certification Recommendation Request link. Candidates will be notified by email when their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign on System link.
SPECIAL EDUCATION (N-12) - Master of Education

Mild or Moderate Disabilities

(SPECED.MED) (Old Code No. 821)

**Note:** In order to complete this master’s degree and meet certification requirements, the candidate must be completed an approved program in Elementary education, Early Childhood, or Special Education OR hold a teaching certificate in one of those areas.

I. **Required Professional Education (12 hours)**
   - EDUC 5113 Introduction to Research
   - ELEM 5693 Teaching in the Elementary School OR
   - SECED 5833 Teaching in the Secondary School
   - RDGN 5413 Foundations of Reading
   - RDGN 5463 Organization and Supervision of Reading Instruction

II. **Subject Area Requirements**
   Completion of at least 12 undergraduate or graduate semester hours in each of the four core subjects areas (Mathematics, Science, Language Arts, and Social Science)

III. **Required Special Education Core (21 hours)**
   - SPCED 5213 Introduction to Mild & Moderate Disabilities
   - SPCED 5433 Assessment of Exceptional Individuals
   - SPCED 5863 Planning and Managing the Teaching Environment
   - SPCED 5362 Legal and Ethical Practices in Special Education
   - SPCED 5623 Instructional Content and Practices for Students with M/M Disabilities
   - ECED 5163 Perceptual Development in Infants/Toddlers
   - SPCED 5821 Practicum-Mild/Moderate Disabilities

IV. **Capstone Experience**
   - EDUC 5950 Graduate Capstone Experience (must be completed during final semester)

CERTIFICATION REQUIREMENTS:
1. Completion of Master's Degree
2. Successful passage of all the appropriate Oklahoma Subject Area Test

Upon completion of all requirements,
- if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link [OK State Department of Education Single Sign on System link]
- if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link [SWOSU Teacher Certification Recommendation Request link]. Candidates will be notified by email when their recommendation is made at which time candidates will process their application
online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign on System link.
SCHOOL PSYCHOLOGY - Specialist in Education
(SCPSY.EDS) (Old Code No. 854)

Admission Requirements for Graduate Degree Program in School Psychology

The School Psychology graduate program is a two-tiered entry-level professional training program comprised of the M.Ed. School Psychometry and Ed.S. School Psychology. Admission into the Ed.S. School Psychology Program requires completion of the M.Ed. Psychometry Program or equivalent coursework and training. In addition candidates must be approved for admission by the Education Department. Department bases its decision in part on the candidate’s overall performance in the M.Ed. School Psychometry Program. For those students with psychometry degrees from other universities, a departmental interview is required, in addition to the University and Graduate Studies admission requirements. (See p. 43 for information regarding admission to the M.Ed. School Psychometry program)

I. Required Professional Education and Psychology Core (15 hours)
   COUN  5893   Ethical/Legal/Professional Standards
   COUN  5593   Advanced Tests and Measurements
   EDPSY 5433  Introduction to School Psychology
   EDPSY 5723  Advanced Psychology of Learning
   EDPSY 5743  Life Span Development

II. Required School Psychometry Specialization Core (18 hours)
    COUN  5423   Multicultural Concepts
    EDPSY 5563  Special Diagnostic Methods
    EDPSY 5613  Binet/Woodcock Johnson
    EDPSY 5703  Behavioral Intervention Strategies
    EDPSY 5713  Wechsler Intelligence Scale
    EDPSY 5783  Practicum School Psychometry

III. Capstone Experience
    EDUC  5950  Graduate Capstone Experience (must be successfully completed
during final semester of School Psychometry: may only be repeated once.)

IV. Total Required for the Master's in Education School Psychometry Degree - 33 Hours

V. Required School Psychology Specialization Core (33 hours)
   COUN  5543   Theories/Techniques of Counseling
   COUN  5553   Theories/Techniques of Group Counseling
   EDPSY 5133  Crisis Intervention Techniques
   EDPSY 5143  Research Methods
   EDPSY 5223  Techniques of Psychotherapy
   EDPSY 5513  Internship in School Psychology I
   EDPSY 5523  Internship in School Psychology II
   EDPSY 5713  Consultation & Collaboration
VI. Capstone Experience
Consists of (1) case studies and (2) Praxis II School Psychology exam (must be successfully completed during final semester of School Psychology; may only be repeated once.)

VII. Total Required for Specialist in Education School Psychology Degree – 66 Hours

For Certification requirements for School Psychology, contact the Oklahoma State Department of Education link to the Oklahoma State Department of Education

See the Master of Education in School Psychometry Program for information regarding program requirements.

NOTE: Meeting the minimum standards does not guarantee acceptance into the program.

NOTE: Completion of the Ed.S. Degree in School Psychology is applicable towards academic eligibility requirements for the Licensed Professional Counselor (LPC) act. See the LPC Curriculum Program for information regarding application and LPC coursework requirements.

Upon completion of all requirements,

a. if candidates are adding this as an additional area to their current teaching certificate, candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign On System link

b. if candidates are pursuing initial teacher certification with this area, candidates notify the SWOSU Department of Education Certification Coordinator by completing the online Recommendation Request for Teacher Certification form at this link SWOSU Teacher Certification Recommendation Request link. Candidates will be notified by email when their recommendation is made at which time candidates will process their application online with the Oklahoma State Department of Education Single Sign On System at this link OK State Department of Education Single Sign On System link
SPORTS MANAGEMENT - Master of Education in Education
Non-Certification Track
(SPMNG.MED) (Old Code No. 844)

I. Prerequisites: Completion of 24 undergraduate semester hours in Parks and Recreation Management (PRM), Health and Physical Education (HPE), Kinesiology (KINES), Athletic Training Education Program (ATEP), Business Management (MNGMT), Marketing (MRKTG), General Business (GEBUS), or related areas.

II. Required Professional Education and Psychology Core (9 hours)
   EDUC  5113  Introduction to Research
   EDPSY  5723  Advanced Psychology of Learning
   PSYCH  5233  Advanced Psychology of Sports

III. Required Courses in Sports Management
   A. Required Sports Management Core (5 hours)
      SPRTM  5912  Directed Readings in Sports Management
      SPRTM  5113  Internship in Sports Management
   B. Sports Management Electives (15 hours)
      PRM    3663  Recreation Management
      PRM    3882  Recreational Areas and Facilities Management
      PRM    4012  Recreational Sports History
      SPRTM  4152  Recreation and Sports Management Statistics
      PRM    4113  Risk Management in Recreation
      PRM    4163  Community Recreation
      SPRTM  5001-4  Individual Study in Sports Management
      SPRTM  5011-4  Seminar in Sports Management
      SPRTM  5503  Advanced Sports Management
      SPRTM  5513  Advanced Finance of Sports
      SPRTM  5523  Advanced Leadership in Sports
      SPRTM  5533  Advanced Sports Information Management
      SPRTM  5543  Advanced Olympism Theory
      SPRTM  5553  Advanced Fitness & Wellness Program Design
      SPRTM  5563  Advanced Nutrition for Athletes
      SPRTM  5573  Advanced Group Dynamics in Sports
      SPRTM  5583  Advanced Strategic Planning in Sports
      SPRTM  5593  Advanced Ethics in Sports Management

   C. Required Sports Management Research Capstone (3 hours)
      SPRTM  5213  Research in Sports Management: Required graduate capstone project to be determined by candidate in conjunction with the SPRTM graduate advisor. The graduate project may be a theoretical or applied research effort.

IV. Approved coursework to make a total of 32 semester hours
VI. Combined undergraduate and graduate work in approved Sports Management and related courses must total at least 44 semester hours.

VII. A graduate student must complete the nine hours of the “Required Professional Education and Psychology Core” before allowed to enroll in the “Internship in Sports Management” course. It is recommended that the graduate student wait until at least ½ of the coursework is complete before internship.
COURSE DESCRIPTIONS

COLLEGE OF ARTS AND SCIENCES

F = Classes offered in the Fall, S = Classes offered in the Spring, SU = Classes offered in the Summer,
O = Odd years, E = Even years, I = Interim (between semesters), D = Classes offered upon Demand.

Department of Art, Communication & Theatre

Art

ART 5001-4 INDIVIDUAL STUDY IN ART (TOPIC)
Individual study of specified topic for graduate students. Credit 1 to 4 semester hours. Prerequisite: Admission to the Graduate Program. D

ART 5011-4 SEMINAR IN ART (TOPIC)
Group study of specified topic in art for graduate students. Credit 1 to 4 semester hours. Prerequisite: Admission to the Graduate Program. D

ART 5113 WATERCOLOR STUDIO
Study and practice of traditional transparent watercolor technique, and experimentation with contemporary methods. Emphasis on composition, color, process and technique. Prerequisites: ART 1123 and ART 1133. D

ART 5253 APPLIED DESIGN
A studio course involving the design, execution and the study of contemporary trends in crafts. Prerequisites: ART 1123 and ART 1133. SO

ART 5313 PAINTING STUDIO
An exploration of opaque painting techniques and processes. The development of pictorial form and content is emphasized. Prerequisites: ART 1123 and ART 1133. D

ART 5333 STUDIO DRAWING
Studio Drawing will explore creative and expressive approaches to drawing with an emphasis on diversity of techniques. Experiences utilizing a variety of media will be used to develop fundamental and advanced drawing concepts. Prerequisites: ART 1123 and ART 1133. S

ART 5353 CLAY STUDIO
A study in ceramic design using both hand built and wheel methods of construction. Firing and glazing procedures will also be covered. F, S, SU

ART 5363 MODERN ART HISTORY
This course, continuing the survey of art begun in ART 3613 and ART 3653, investigates the history of painting, sculpture and architecture from the late nineteenth century through World War II. Symbolism, Post-Impressionism, Cubism and Expressionism are among the trends discussed, as are the art of Picasso, Duchamp, Klimt and Dali. D

ART 5383 MIXED MEDIA
Students draw upon a wide range of materials such as paper, metal, clay, plaster, wax, plastic and found objects while incorporating various techniques in the fabrication of 3-D works. Students incorporate materials and technical skills that they may already possess. D

ART 5393 ART HISTORY SINCE 1945
This survey, completing the series begun with ART 3613, 3653 and 4353, traces the development of art from the rise of the New York School to the present day. Among the topics discussed are Abstract Expressionism, Pop and Op Art, and the art of Jackson Pollock, Mark Rothko, Andy Warhol and Keith Haring. D

ART 5452 CONTENT, METHODS AND MATERIALS IN ELEMENTARY SCHOOL ART
Current methods of applying Discipline-Based Art Education will be used to explore ways to integrate the visual arts into the elementary grades. Prerequisite: Admission to Teacher Education Program. F, S

ART 5483 PRINTMAKING STUDIO
Printmaking by hand transfer and with the press. Composition and personal expression are emphasized. Intaglio and relief methods are explored. Prerequisites: ART 1123 and ART 1133. F, S

ART 5513 INTERMEDIATE GRAPHIC DESIGN I
Introduction to web design using Dreamweaver and Flash programs. Prerequisites: ART 1123, ART 1133 and ART 2133. F, S

ART 5553 TEACHERS' COURSE IN ART
This course explores methods of teaching visual art at the secondary level. In-depth attention will be given to the application of Discipline-Based Art Education assignments at this level. Prerequisites: Art major or endorsement and admission to the Teacher Education Program. D

ART 5651 GRADUATE EXHIBIT
Students will prepare and present a body of work produced as a graduate. Emphasis will be on professionalism in presentation as well as artwork selected. ART 5753 LIFE DRAWING
Observational drawing with an emphasis on composition. Various techniques and subjects will be explored. Prerequisites: ART 1123 and ART 1133. D

Department of Biological Sciences

BIOL 5001-4 INDIVIDUAL STUDIES IN BIOLOGY (TOPIC)
Individual study of specified topic for graduate students. Credit 1 to 4 semester hours. Prerequisite: Admission to the Graduate Program. F, S, SU

BIOL 5011-4 SEMINAR IN BIOLOGY (TOPIC)
Group study of specified topic in biology for graduate students. Credit 1 to 4 semester hours. Prerequisite: Admission to the Graduate Program. D

BIOL 5021-4 SPECIAL TOPICS IN BIOMEDICAL SCIENCES
Provides special topics in biomedical sciences with variable topics for 1 to 4 credit hours. May include laboratory. May be repeated for a maximum of 4 credit hours. Enrollment by signature only. Prerequisites: Admission to the Graduate Program. D

BIOL 5031-4 SPECIAL TOPICS IN MICROBIOLOGY
This course is offered with variable topics in microbiology for 1 to 4 credit hours. A maximum of 4 credit hours may be applied toward the graduate degree. Prerequisites: Admission to the Graduate Program. D

BIOL 5041-4 SPECIAL TOPICS IN ENVIRONMENTAL AND ORGANISMAL BIOLOGY
BIOL 5154 DEVELOPMENTAL BIOLOGY
The exploration of synthesis of vertebrate and invertebrate organisms. Cellular and molecular aspects of animal development will be covered as well as medical implications of developmental biology. By signature only. Corequisite: BIOL-5154L. Prerequisite: Admission to the Graduate Program.

BIOL 5213 IMMUNOLOGY
The study of the body’s immune system and its relationship to health and disease. By Signature Only. Prerequisite: Admission to Graduate program.

BIOL 5284 PARASITOLOGY
Overview of viral, fungal, bacterial and eukaryotic parasites infecting humans. Lab includes collection, isolation, cultivation, and identification of parasites. By signature only. Corequisite: BIOL-5284L. Prerequisite: Admission to Graduate Program.

BIOL 5343 APPLIED MICROBIOLOGY
This covers topics including medical applications of gene therapy and therapeutic agents, industrial microbiology and fermentation, agricultural applications, microbial ecology, and food microbiology. Includes laboratory demonstrations in lecture. By signature only. Prerequisite: Admission to Graduate Program.

BIOL 5404 PATHOGENIC MICROBIOLOGY
Provides an overview of microbial physiology, molecular genetic mechanisms of pathogenicity, disease pathology, and clinical diagnosis procedures. Emphasis is placed on specific bacterial and viral pathogens. Corequisite: BIOL-5404L. Prerequisite: Admission to Graduate Program.

BIOL 5463 VIROLOGY
A study of bacterial and animal viruses, including virion structure, cultivation, molecular genetics, and mechanisms of infection. Attention is given to viral diseases, their pathology, control, and prevention. By signature only. Prerequisite: Admission to Graduate Program.

BIOL 5503 MICROBIAL PHYSIOLOGY
This course involves the physiological and biochemical activities of bacteria with emphasis on structure, function, and molecular control mechanisms. Pathogenic and non-pathogenic bacteria are considered. By signature only. Prerequisite: Admission to Graduate Program.

BIOL 5523 ENVIRONMENTAL MICROBIOLOGY
Lecture and laboratory instruction on microbe-microbe and microbe-environment interactions. Areas of study will be air, water, wastes, soil and special environments such as industrial and domestic wastes. Two hours of lecture and two hours of laboratory per week. By signature only. Corequisite: BIOL-5523L. Prerequisite: Admission to Graduate Program.

BIOL 5703 INFECTIOUS DISEASE EPIDEMIOLOGY
A study of the distribution patterns of infectious diseases within and across populations. Includes topics in population studies, disease and injury determinants, behavioral factors, and environmental factors. Lecture only. By Signature Only. Prerequisite: Admission to Graduate Program.

BIOL 5864 HUMAN GENETICS
A study of human genetics that focuses on human molecular genetics including genetic factors causing diseases; changes in gene expression during development, differentiation, and pathogenesis; recombinant DNA; gene therapy; clinical genetics; genetic epidemiology; immunogenetics; cytogenetics; and genetics of specific disorders and diseases. Enrollment is by signature only. Corequisite: BIOL-5864L. Prerequisite: Admission to the Graduate Program.

BIOL 5914 GENERAL AND COMPARATIVE PHYSIOLOGY
A study of the principles of comparative animal physiology with emphases on morphological, physiological, and behavioral adaptations. Examples taken from humans, familiar animals, and uncommon animals that represent elegant solutions to survival problems and illustrate physiological concepts. The course covers the major organ systems of the body and their interactions with each other and the environment presented in an evolutionary and ecological context. Enrollment by signature only. Corequisite: BIOL-5914L. Prerequisite: Admission to Graduate Program.

BIOL 5935 CELL AND MOLECULAR BIOLOGY
A study of the cellular and molecular basis for the structure and organization of the cell with emphases on control of the cell cycle, transport of information and materials, and signaling. The laboratory emphasizes cellular and molecular tools and techniques and includes research and presentation of a cell/molecular biology question. By signature only. Corequisite: BIOL-5935L. Prerequisite: Admission to Graduate Program.

BIOL 5944 NEUROSCIENCE
A study of the molecular, structural, physiologic, cognitive, and behavioral aspects of the brain and nervous system. Includes molecular and cellular neuroscience, brain science, anatomy and physiology of the central nervous system, molecular and biochemical basis for information processing, and applications to clinical sciences and biomedical engineering. By Signature Only. Corequisite: BIOL-5944L. Prerequisite: Admission to Graduate Program.

BIOL 5974 HISTOLOGY
A study of the microanatomy and functional aspects of normal animal tissues. By Signature Only. Corequisite: BIOL-5974L. Prerequisite: Admission to Graduate Program.

BIOL 5974 HISTOLOGY
A study of the microanatomy and functional aspects of normal animal tissues. By Signature Only. Corequisite: BIOL-5974L. Prerequisite: Admission to Graduate Program.

BIOL 5985 BIOCHEMISTRY
A course for secondary school teachers on the fundamental principles of chemistry. Selected topics are studied in considerable depth. Prerequisite: Admission to the Graduate Program.

CHEM 5001-4 INDIVIDUAL STUDY IN CHEMISTRY
Individual study of specified topic for graduate students. Credit one to four semester hours. D

CHEM 5011-4 SEMINAR IN CHEMISTRY (TOPIC)
Group study of specified topic for graduate students. Credit one to four semester hours. Prerequisite: Admission to the Graduate Program.

CHEM 5052 BASIC TOPICS IN CHEMISTRY
An introductory course involving the study of the physical and chemical properties of compounds associated with the chemistry of life processes.
and an introduction to metabolism, especially carbohydrate degradation and nucleic acid and protein biosynthesis. **Corequisite:** CHEM-5124L. **Prerequisite:** Admission to Graduate Program.

**CHEM 5673 ADVANCED METABOLISM**
Advanced Metabolism provides an in-depth study of the pathways and related metabolic disorders associated with the catabolism and anabolism of carbohydrates, amino acids, lipids, and nucleotides. The course will specifically focus on the mechanisms, energetics, regulation, and coordination of the following metabolic pathways: glycolysis; the pentose phosphate pathway; the citric acid cycle; B-oxidation of fatty acids; ketone body formation; amino acid oxidation and the urea cycle; oxidative phosphorylation; carbohydrate biosynthesis; lipid biosynthesis; and nitrogen metabolism in the biosynthesis of amino acids and nucleotides. **Prerequisite:** CHEM-4124 and Admission to Graduate Program.

**PHYSICS**

**PHY 5000-4 INDIVIDUAL STUDY IN PHYSICS**
Individual study of specified topic in Physics for graduate students. Credit 1 to 4 semester hours.

**PHY 5010-4 PHYSICS SEMINAR**
Group study of specified topic in physics for graduate students. Credit 1 to 4 semester hours. **Prerequisite:** Admission to the graduate program.

**SCIENCE FOR ELEMENTARY TEACHERS**

**SCI 5001-4 INDIVIDUAL STUDY IN SCIENCE**
Individual study of specified topic for graduate students. Credit one to four semester hours. **D**

**SCI 5010-4SCIENCE SEMINAR(TOPIC)**
Group study of a specified topic in science education for graduate students. Credit one to four semester hours. **D**

**Department of Language and Literature**

**English**

**ENGL 5001-4 INDIVIDUAL STUDY IN ENGLISH (TOPIC)**
Individual study of specified topic for graduate students. Credit one to four semester hours. **Prerequisite:** Admission to the Graduate Program. **D**

**ENGL 5011-4 SEMINAR IN ENGLISH (TOPIC)**
Group study of specified topic for graduate students. Credit one to four semester hours. **Prerequisite:** Admission to the Graduate Program. **D**

**Literature**

**Department of Mathematics**

**MATH 5001-4 INDIVIDUAL STUDY IN MATHEMATICS (TOPIC)**
Independent study of specified topic in mathematics for graduate students. Credit one to four semester hours. **Prerequisite:** Admission to the Graduate Program. **D**

**MATH 5013 SEMINAR IN MATH**

Group study of specific topic in mathematics for graduate students. Credit 1 to 4 semester hours. **D**

**MATH 5453 MATHEMATICAL STATISTICS**
Classical probability theory, discrete and continuous random variables and their probability distributions, properties of expectation, moment generating functions, sampling distributions and the central limit theorem are some of the topics. **Prerequisite:** MATH 2834. FO

**MATH 5473 INTRODUCTION TO PROBABILITY**
Basic concepts of discrete probability are discussed, such as counting techniques, independence, conditional probability, Bayes’ Rule, random variables, random walks, and Markov chains. **Prerequisite:** MATH 2834. SO

**MATH 5612 LINEAR ALGEBRA FOR SECONDARY SCHOOLS**
Understanding of the techniques of matrix algebra in the solutions of systems of linear equations and elementary transformations. **Prerequisite:** Admission to the Graduate Program and MATH 2834. D

**MATH 5632 ABSTRACT ALGEBRA FOR SECONDARY SCHOOLS**
Understanding of the algebraic concepts of homomorphism, isomorphism, decomposition and operators. **Prerequisites:** MATH 3834 and admission to the Graduate Program. D

**MATH 5712 CURRENT TRENDS IN SECONDARY SCHOOL GEOMETRY**
Modern teaching techniques of secondary school geometry. **Prerequisite:** MATH 2834 and Admission to the Graduate Program. D

**MATH 5753 INTRODUCTION TO METRIC AND NON-METRIC GEOMETRY**
Undefined terms, definitions, postulates, and theorems of a logical system, and Euclidean geometry. Introduction to coordinate and vector geometries. **Prerequisite:** Admission to the graduate program. D

**MATH 5812 REAL NUMBERS**
The development of the real numbers. Peano’s Postulates, natural numbers, relations, integers, rational numbers, real numbers, and extensions of the real number field. **Prerequisites:** MATH 2834 and admission to the Graduate Program. D

**Department of Music**

All required courses for the M. M. and M. Ed. degrees are offered according to three (3) year rotation schedule. These courses have been marked with an asterisk (*). Please consult the Graduate Course Offering Schedule on the Music Department website.

**MUSIC 5001-4 INDIVIDUAL STUDY IN MUSIC (TOPIC)**
Independent study of a specific topic in music for graduate students. Credit one to four semester hours. **Prerequisite:** Admission to the Graduate Program. D

**MUSIC 5011-4 SEMINAR IN VOCAL MUSIC**
Group study of specified topic in vocal or instrumental music for graduate students. Credit one to four semester hours.

**MUSIC 5011-4 SEMINAR IN INSTRUMENTAL MUSIC (TOPIC)**
Group study of a specified topic in instrumental music for graduate students. Credit one to four semester hours. **Prerequisite:** Admission to the Graduate Program. D
MUSIC 5100 FINAL COMPREHENSIVE EXAMINATION
The final comprehensive examination for graduate students in music. Enrollment by permission of the chair. F, S, SU

MUSIC 5102 FORMS AND ANALYSIS
A course which provides the basic tools for the analysis of music from any style period. Emphasis is upon forms developed by common practice in western music from 1700 to the present. Prerequisite: MUSIC 1314. *

MUSIC 5112 INTRODUCTION TO MUSIC RESEARCH
An introduction to the techniques of research and writing in the various sub-specialties of music and music education. *

MUSIC 5122 MASTER’S THESIS
An elective research document for students in the Master of Music program. Enrollment by permission of the Department of Music Graduate Coordinator.

MUSIC 5141 SEMINAR IN MUSIC THERAPY: CLINICAL SUPERVISION
Group study on skills in music therapy clinical supervision to partially meet the AMTA Advanced Competencies in Clinical Practice, College/University Teaching and Professional Development, including identifying the clinical concerns proactively communicating the concerns, effectively evaluating students’ progress, and strategically designing and implementing action plan to help students reach clinical objectives. Prerequisite: Admission to Graduate Program and completion of 1200 hours Clinical Experience. F, S

MUSIC 5153 ADVANCED THEORETICAL ORIENTATIONS & CLINICAL TECHNIQUES IN MUSIC THERAPY
Advanced studies on theoretical orientations in music therapy and clinical techniques associated with each theoretical orientation appropriate for different diagnoses, age groups, and clinical settings to meet the AMTA Advanced Competencies in Theory, Clinical Practice, Research and Professional Development. Prerequisite: Admission to Graduate Program and Completion of 1200 hour Clinical Experience. FO

MUSIC 5172 MUSIC OF THE BAROQUE
A study of musical styles of the seventeenth and early eighteenth century. *

MUSIC 5221 ADVANCED FIELD STUDIES
Advanced clinical experiences to meet the AMTA Advanced Competencies in Professional Practice, and Professional Development: applying theories and associated techniques into practice, developing treatments for emerging clientele, and translating the clinical results into a meaningful research hypothesis/employing appropriate research design to examine the clinical results following ethical guidelines. Prerequisite: admission to Graduate Program and completion of 1200 hour Clinical Experience. F, S, SS

MUSIC 5233 HISTORY & CONTEMPORARY GLOBAL/CULTURAL ISSUES IN MUSIC THERAPY
Advanced survey to meet the AMTA Advanced Competencies in Theory and Professional Development via the review of music for healings in various historical eras and cultures, music therapy development as a profession in different political and cultural entities, and the challenges as well as promise of music therapy in a global context. Prerequisite: MUS 3181, SO

MUSIC 5243 ADVANCED STUDIES IN MUSIC THERAPY AND ADULTS
Advanced studies on the implementation and research of music therapy treatments to address diagnoses, classifications, and other clinical conditions related to adults, fulfilling the AMTA Advanced Competencies in Professional Practice: Theory, Clinical Practice, University/College Teaching, Research, and Professional Development. Prerequisite: Admission to Graduate Program and completion of 1200 hour Clinical Experience. FE

MUSIC 5252 INSTRUMENTAL PROBLEMS
An advanced study of teaching techniques for the various instruments of the band and orchestra. Prerequisite: Admission to the Graduate Program. *

MUSIC 5263 LEGISLATIVE & BUSINESS ISSUES IN MUSIC THERAPY PRACTICES
A preparatory class to address the AMTA Advanced Competencies in all areas by (1) surveying the legislative actions related to music therapy certification, licensures, service provision, and insurance coverage/reimbursement in the US and international communities, and (2) business skills required to initiate and expend the music therapy practice. Prerequisite: MUS 3181, D

MUSIC 5273 ADVANCED MUSIC THERAPY IMPROVISATIONS AND SONG WRITING
A music making class detailing techniques for clinically appropriate compositions and improvisational experience to address AMTA Advanced Competencies in Clinical Practice and Professional Development. Prerequisite: Admission to Graduate Program and completion of 1200 hour Clinical Experience. SE

MUSIC 5302 MUSIC PROGRAM ADMINISTRATION
The study of administrative procedures of the public school, university, or professional music directors. Prerequisite: Admission to the Graduate Program. *

MUSIC 5352 MARCHING BAND TECHNIQUES
Study of techniques and styles for marching bands, including pageantry, precision drill, dance steps and parade. Prerequisite: Admission to the Graduate Program. *

MUSIC 5362 TOPICS IN JAZZ HISTORY
MUSIC 5402 SEMINAR IN ADVANCED INDIVIDUAL INSTRUMENTAL TECHNIQUES
The advanced study of techniques for playing and teaching orchestral instruments. Prerequisite: Admission to the Graduate Program. *

MUSIC 5452 ARRANGING FOR MARCHING BAND
An advanced study of techniques of arranging for the marching band. Prerequisites: MUSIC 3303 and MUSIC 4232 or equivalent, and admission to the Graduate Program. *

MUSIC 5482 ADVANCED INSTRUMENTAL LITERATURE
An advanced study of music literature written for instrumental ensembles. The review will include music for solo winds and full band. Prerequisite: Admission to the Graduate Program. *

MUSIC 5512 ADVANCED VOCAL METHODS
An advanced and detailed study of the various approaches to teaching solo and ensemble singing, with review of music literature suitable for secondary level students in the public schools. Prerequisite: Admission to the Graduate Program. *
MUSIC 5542 ADVANCED CHORAL LITERATURE AND SCORE STUDIES
A study of criteria for the evaluation and selection of choral music including the review of a variety of choral music. Prerequisite: Admission to the Graduate Program. *

MUSIC 5572 CHORAL ARRANGING
A study of the problems and techniques of voice leading and sonority in arranging music for the various choral music ensembles. Prerequisite: Admission to the Graduate Program. D

MUSIC 5652 MUSIC OF RENAISSANCE

MUSIC 5702 MUSIC OF THE CLASSIC ERA
Western musical style and literature from 1720 to 1820. *

MUSIC 5752 MUSIC OF THE ROMANTIC ERA
A survey of the development of western musical forms and styles from 1820 to 1920. *

MUSIC 5762 ADVANCED CONDUCTING
The study and analysis of problems and procedures connected with conducting ensembles of all kinds. Emphasis is on problems of technique and communication. Prerequisite: Admission to the Graduate Program. *

MUSIC 5782 LANGUAGE DICTION
Detailed study of the pronunciation of Latin, Italian, French, and German as they apply in both speech and singing. Prerequisite: Admission to the Graduate Program. *

MUSIC 5802 MUSIC OF THE TWENTIETH CENTURY
Musical styles and literature from 1880 to the present. D

MUSIC 5882 FOUNDATIONS OF MUSIC EDUCATION
A survey of the various specialities within music education, and a detailed study of the various philosophies and rationales which support music programs in public schools and universities. Prerequisite: Admission to the Graduate Program. *

MUSIC 5971 GRADUATE RECITAL
A public recital elective for students in the Master of Music in Music Education degree. Enrollment by permission of applied music teacher. F, S, SU

MUSIC 5972 GRADUATE RECITAL
A public recital required of students in the Master of Music in Performance degree. Enrollment by permission of Graduate Committee, after completing a successful recital hearing. F, S, SU

MUSIC 5982 THESIS
A required document in a form of thesis or clinical portfolio to partially fulfill the Master of Music in Music Therapy. Prerequisite: Completion of Curricular Requirements for MM in Music Therapy and Passing the Comprehensive Examination for Master of Music in Music Therapy. F, S, SS

MUSIC INDIVIDUAL MUSIC LESSONS (APPLIED MUSIC)
Individual lessons in piano, voice, organ, guitar, or any of the orchestral instruments. Students enrolled in one hour’s credit will receive twenty-five minutes of instruction each week. Students enrolled in two hour’s credit will receive fifty minutes of instruction each week. All enrollments by signature from the chair of the music department. Enrollment in individual lessons is by permission of the department. Non-majors may apply for individual lessons, but music majors, minors, and endorsement students in good standing hold a higher priority for teacher assignment. F, S, SU

Department of Social Sciences

Criminal Justice

CRMJS 5903 DIRECTED READINGS IN CRIMINAL JUSTICE
Scope of project determined by instructor. May be repeated for a total of 6 hours. Permission required. D

Economics

ECONO 5003 INDIVIDUAL STUDY IN ECONOMICS
Individual study of selected economics topics under the supervision of an economics faculty member.

ECONO 5013 SEMINAR IN ECONOMICS
Group study of selected topics in economics.

ECONO 5653 ADVANCED MANAGERIAL ECONOMICS
An advanced application of economic analysis and theory to the decision-making process which faces the manager. Topics covered include consumer and business firm behavior; demand theory; production; cost analysis; market structure pricing. S

ECONO 5763 ADVANCED BUSINESS STATISTICS
Analysis, summarization, and interpretation of data for use in decision-making. Includes the study of analysis of variance, linear regression and correlation, multiple regression and correlation analysis, nonparametric methods, time series, chi-square applications, and index numbers. Emphasis will be on problem solving and analysis using actual business data. F

History

HIST 5011-4 SEMINAR IN HISTORY (TOPIC)
Intensive study of selected topic in history. Credit one to four hours. D

HIST 5093 HISTORIOGRAPHY
An introduction to readings, problems, and methods in the study of historical topics.

HIST 5901-4 DIRECTED READINGS IN HISTORY (TOPIC)
Scope of project determined by instructor. Credit from one to four hours. May be repeated for a total of six hours. Permission required. D

Political Science

POLSC 5903 DIRECTED READINGS IN POLITICAL SCIENCE (TOPIC)
Scope of project determined by instructor. May be repeated for a total of six hours. Permission required. D

Sociology

Social Sciences

SOCSC 5011-3 SEMINAR IN SOCIAL SCIENCES
Group study of specified topics for graduate students. Credit one to four hours.
School of Nursing and Allied Health Sciences

Allied Health

ALHLT 5000-4 INDIVIDUAL STUDY IN ALLIED HEALTH
These courses provide the opportunity for the student to become involved research activities. The student is given the opportunity to participate in an area of personal interest or an area selected by the faculty. Sound research design and data collection and interpretation are emphasized. The overall objective of the activity is to make it a learning activity which benefits the student.

ALHLT 5143 HEALTH STATISTICS
Intended for graduate students in health sciences, and not majoring in statistics. Applies statistical techniques and methodologies to health-related questions. Develops skills in planning research and data collection and analysis. Emphasis is on the principles and methods used to describe and evaluate populations and communities. Methods and research designs are presented. Students will develop skills in critical thinking and analysis of data. The course will involve research activities and data analysis. The course will also cover statistical software applications. Online, F, S

ALHLT 5293 EPIDEMIOLOGY
Intended for graduate students in health sciences, and not majoring in epidemiology. Provides an in-depth introduction to the epidemiologic perspective on health and disease. Focus is on the principles and methods used to describe and evaluate patterns of illness/injury/disease in communities and populations. Methods and research designs are presented. Students will develop skills in planning research and data collection and analysis. Emphasis is on the principles and methods used to describe and evaluate patterns of illness/injury/disease in communities and populations. Methods and research designs are presented. Students will develop skills in planning research and data collection and analysis. Online, F, S

The School of Nursing and Allied Health Sciences offers the MHIIM program and Master’s in Nursing as on-line degree programs with no on-campus component. Students utilize SWOSU’s course management system via the Internet to attend classes, complete assignments, and interact with classmates and faculty members. Full-time or part-time attendance is available to students so that they may continue to work full-time and complete the programs.

The School of Nursing and Allied Health Sciences has collaborated with the Everett Dobson School of Business and Technology to offer an area of specialization in Healthcare Informatics for the Master of Science Degree in Management. Certain Health Information Management (HIM) courses below provide the potential for expanded graduate level opportunities culminating in a Master of Science in Management with the option of Healthcare Informatics.

Health Information Management
Professional Health Information Management Courses

HIM 5011-4 SEMINAR IN HIM
Group study of a specified topic in Health Information Management for the graduate HIM student. Online, F, S

HIM 5223 ADVANCED ELECTRONIC HEALTH RECORDS
This course is designed for graduate students interested or currently involved in EHRs. Graduate students will achieve a general understanding of the importance of EHRs in this course. The EHR is the “bridge to everywhere.” Not only does it bridge disparate information systems, it also bridges the process of healthcare from departmental islands to the view of an institution of multiple institutions. Graduate students must complete a graduate project throughout the semester. Two hours of lecture per week. Corequisite: HIM 5233L. Prerequisite: HIM 4122 only offered in Spring. Online, F

HIM 5233 CORPORATE COMPLIANCE AND QUALITY DATA MANAGEMENT IN HEALTHCARE
Course explains the growing need to adequately train healthcare leaders in the field of compliance. In today’s fast-paced healthcare world, employees face new information, increased responsibilities, and rapidly changing technology. In order to sort through and adapt to it all, while maintaining high levels of performance, employees must capitalize on valuable resources. The course addresses both the managerial and quality data aspects of corporate compliance. Students receive the knowledge and skills necessary to understand how a formal compliance program is implemented at a healthcare facility. Online, F

HIM 5243 HEALTHCARE INFORMATICS RESEARCH METHODS
This course provides an in-depth perspective for research in health informatics with distinct discussion of research and design methods particularly relevant to the healthcare field. Methods will focus on research questions development, data collection, and statistical approaches that translate data to information. This course includes gran writing process, as well as the organization and management of research protocol of health related data. Students with background knowledge in Epidemiology and Health Statistics would be beneficial, but these are not required Prerequisites. Online, F, S

HIM 5253 LEGAL AND PRIVACY ISSUES IN HEALTH INFORMATICS
This course will review the legal and privacy issues related to healthcare informatics. As the healthcare industry adopts information technologies to provide fast, efficient, and cost-effective healthcare, ethical, legal, and privacy issues will arise. These must be addressed and properly understood. Course work will be used to discuss the importance of understanding the legal health record within a healthcare facility. Students will learn about concepts related to: E-HIM, legal EHR, E-Discovery, and litigation response planning. Online, SU

HIM 5263 HEALTHCARE VOCABULARIES & CLINICAL TERMINOLOGIES
Develop an understanding of how clinical data is represented through medical vocabularies and clinical classifications. Emphasis will be on learning and understanding standard clinical technologies, including the appropriate use and application within various health information systems in order to enhance communication across the healthcare industry. Online, F

HIM 5273 DATA INTEGRITY, DATA MINING AND HEALTHCARE DATA WAREHOUSING
Develop an understanding of cost-effective ways to achieve consolidated views of healthcare enterprises and the trends affecting it; the process of extracting information from a database; quantifying and filtering discrete, structured data and the process associated with the representation of data in electronic systems. Online, SU

HIM 5283 HEALTHCARE DECISION SUPPORT SYSTEMS
Offers an understanding of foundational terminologies, concepts, models, processes and tools associated with decision support and knowledge management systems. Emphasizes the techniques and strategies used to
apply information and knowledge based systems, including decision analysis techniques within the context of healthcare organizational settings. Students will learn how to take information and turn it into knowledge to be used by clinical and administrative healthcare leaders. **Online, SU**

**HIM 5293 LEADERSHIP FOR THE HEALTHCARE PROFESSIONAL**

This course combines the classical knowledge of leadership theory with the best practices and outcomes associated with the skills and applications practiced by healthcare leaders. Emphasis will be on developing a systems-based way of thinking about leadership, understanding how individuals function in the healthcare workplace; self-assess leadership thinking and behavior, and establish goals for leading people and managing resources into the future. **Online**

**HIM 5303 PROJECT, FINANCIAL, IT MANAGEMENT IN HEALTHCARE**

Overview of financial and IT project management techniques and tools as they apply to healthcare operations, projects and programs. This includes: Developing a vision as to how the project fits into the overall business of the healthcare organization, communicating the goals and objectives clearly to others, creating a sound action plan, monitoring process and making changes, and obtaining commitment from all involved. The importance of credit, the time value of money, and learn to develop a long-range financial plan that supports an organization’s strategic plan will also be discussed. **Online, F**

**HIM 5323 IT ETHICS AND SECURITY**

This course examines ways information technology challenges traditional ethical, legal and social concepts. Security threats and their corresponding policies are explored within this ethical context. Students will analyze different security risks and how security policies benefit and harm various stakeholders. **Online, F**

**HIM 5333 HEALTHCARE STRATEGIC PLANNING**

This course focuses on the role of strategic thinking and planning within a healthcare organization. Emphasis will be placed on learning the strategic planning process, including developing and implementing the mission, vision, goals and objectives. Students will analyze different healthcare provider, payer, and consumer markets, and assess how each impacts the viability of a strategic plan. Focused areas will be on strategic planning, and leading and managing change for success in turbulent times. The course centers on the theme that healthcare is going through rapid changes and uncertainty and innovation is an expected reality in healthcare. **Online, F**

**HIM 5343 GRADUATE RESEARCH PROPOSAL**

Student must have completed the graduate research course prior to admission into this course. A graduate research assistant will be assigned to review the graduate research proposal which must be original research in the area of health information management, information systems and/or health informatics. This course will take the student through the proposal editing process to the final phase of the proposal, including final submission and publication. **Prerequisite: HIM 5353, Online, F, S, SU**

**HIM 5353 GRADUATE RESEARCH**

The graduate research proposal starts with this course, graduate research. The student will learn and practice methods of project research and writing. The student will develop a draft research proposal and benchmark the proposed project against existing applications in the health information management field. Student will select a topic to research, develop a problem definition/problem statement and the rationale for the selected applied project develop a literature review, and define a design/solution model for the research. **Online, F, S, SU**

**HIM 5363 CAPSTONE PROJECT**

Working with an assigned capstone project advisor, the student completes a rigorous project focused on a real-world health information management project and prepares a project report to be submitted to the department for final approval. The goal of the capstone project is to increase students’ problem solving methods and cognitive sophistication through an activity that requires reading, thinking, and writing, to only further the student’s education, and make a meaningful contribution to HIM practice. Oral and written reports are required, including an oral presentation and defense of project. **Online, F, S, SU**

**HIM 5373 PROFESSIONAL PRACTICE EXPERIENCE**

The Professional Practice Experience (PPE) will require 160 onsite hours in the areas of health information management, health informatics or health information systems. The student will observe and experience day-to-day HIM management and leadership operations, provide documentation and/or recommendations in workflow and complete special graduate projects with supervision. **Online, F, S, SU**

**Nursing**

**NURS 5023 -NURSE AS SCHOLAR**

Students evaluate and apply research to nursing practice, developing an evidence-based practice approach. Skills in quantitative reasoning and statistics are strengthened by a critical review of research design and statistical data. Best practices are discovered from a systematic application of current research to healthcare scenarios and delivery systems with a goal of improving patient outcomes and increasing safety. **Prerequisite: admission to SWOSU MSN program**

**NURS 5033 GLOBAL HEALTH AND ADVANCED PRACTICE NURSING**

Emphasizes global health concerns and equips students with tools to navigate and serve as a caring advocate in the world of international/global health. Focuses on interdisciplinary care, global health care, poverty, and health indicators. **Prerequisite: NURS 5023**

**NURS 5043 TRANSITION TO ADVANCED PRACTICE ROLES**

Students explore organizational and systems leadership and challenges to effective leadership, including leadership strategies and decision making at both the practice-level and systems-level of nursing. Emphasis is placed on the role of advanced-practice nurses in improving quality and cost-effectiveness of care with sensitivity to a variety of organizational cultures and populations. **Prerequisite: NURS 5023**

**NURS 5053 QUALITY IMPROVEMENT, SAFETY, AND ETHICS**

Applying an interdisciplinary approach, students focus on continuous quality improvement, emphasizing the relationship among healthcare law, global business, ethics, social responsibility, advocacy, and management within diverse healthcare organizational systems. **Prerequisite: NURS 5023**

**NURS 5063 Information and Healthcare Technology**

Students explore an interdisciplinary approach to electronic healthcare delivery. Topics include the professional role of the nurse in relation to information technology and clinical applications such as the use of electronic health records, and the delivery of healthcare information, education, and healthcare reimbursement. Issues of privacy, security, and legality will also be discussed. **Prerequisite: NURS 5023**

**NURS 5073 PRINCIPLES OF NURSING MANAGEMENT**

Students analyze the concepts required for effective performance of the nurse administrator’s role in an organization as a function of the total organizational system. Students critique organizational designs and interpersonal relationships within healthcare organizations with an emphasis on quality improvement of outcomes and interpersonal dynamics. **Prerequisite: NURS 5023**

**NURS 5083 BUSINESS COMMUNICATION IN HEALTHCARE**

Students explore professional communication: written, oral, and technical. Students apply skills in communication styles such as memos, email, research reports, proposals, presentations, and interviews with a focus on communication with a variety of healthcare stakeholders,
NURS 5093 PERFORMANCE STANDARDS AND PERSONNEL
Students apply best practices in use of human and financial resources, conflict resolution, and organizational development, including the development, design, measurement, and evaluation of performance standards. Prerequisite: NURS 5023

NURS 5103 HEALTHCARE BUDGETING
Students analyze the budget process for health care organizations, improving their understanding of the budget process as it applies to health care organizations. Students explore long range planning, operating budgets, capital budgets, fixed and variable costs, zero based budgeting, cost estimation and forecasting, break-even analysis, performance budgeting, flexible budget variance analysis and capital budgeting. A nursing unit’s operating budget is examined in detail. Prerequisite: NURS 5023

NURS 5113 MANAGEMENT PRACTICUM
This practicum experiences exposes students to the role of the nurse administrator in different settings, allowing students to apply knowledge previously gained in the program to an administrative project. Course includes weekly discussion checkpoints. Prerequisite: NURS 5023

NURS 5123 COACHING AND MENTORING IN NURSING LEADERSHIP
Students will analyze theories of coaching and mentoring, executive coaching, team coaching, peer coaching, subordinate coaching throughout career phases, and personal career coaching. Multiple models for nurse leadership coaching and mentorship are investigated through learning activities, discussion and the use of case studies. Prerequisite: NURS 5023

NURS 5133 GRANT WRITING, ACADEMIC WRITING, AND PUBLISHING
This course will guide students in developing strong academic writing skills. Topics include identification of potential grant sources, skills needed to write competitive grant proposals successfully, typical grant components (including a statement of need/rationale, implementation strategies, outcomes, personnel, evaluation, budget, attachments, and an executive summary), the publication process (including peer review), and peer presentations. Prerequisite: NURS 5023

NURS 5143 ONLINE NURSING EDUCATION
Students apply the tools needed to successfully teach an online course. Strategies are provided to maximize faculty time while ensuring that the learning styles of students are maintained in a student-centered, vibrant online environment. Participants will work individually and collaboratively to explore various means of creating an online learning community. Prerequisite: NURS 5023

NURS 5173 FACILITATING STUDENT LEARNING
Students apply skills as a nurse educator in this introduction to teaching at the pre-licensure level. Students explore techniques for effective facilitation in the classroom or nursing laboratory setting, including syllabus creation, role modeling and mentoring for students, and developing effective lessons based on identified student learning outcomes and competencies. Students will implement various strategies, technologies, to meet diverse learning styles by designing learner-centered instructional activities and lessons. Prerequisite: NURS 5023

NURS 5183 CLINICAL TEACHING AND EVALUATION
Students develop professional skills as a clinical nurse educator at the pre-licensure level. Students will learn to work with didactic faculty, ensuring congruence of clinical education with course outcomes, applying evidence-based practice, and developing effective pre- and post-conference activities based on identified learning outcomes and competencies. Topics include evaluating the progress of diverse learners, grading of care plans and other clinical assignments, evaluation of safety, assessment of student achievement of clinical learning objectives, ethical considerations, formative and summative evaluation, and engaging learners with the use of technology. Prerequisite: NURS 5023

NURS 5193 INSTRUCTIONAL DESIGN, CURRICULUM DEVELOPMENT, AND CHALLENGES
Students evaluate principles of adult learning, curriculum/course planning, and course design. Learners will apply the principles of course design to the development of a course, from the creation of a syllabus to lesson planning to learning activities, to ensure alignment from student learning outcomes to course outcomes to learning and assessment methods. Topics also include faculty roles and responsibilities, scholarship of teaching, leadership in nursing education, diversity, and legal and ethical issues. Prerequisite: NURS 5023

NURS 5203 ASSESSMENT AND EVALUATION IN NURSING EDUCATION
Students review existing literature on assessment principles and methods. Students apply knowledge to design a variety of formative and summative assessment methods. Students will use case studies to apply knowledge of test construction and item analysis as well as ethical considerations associated with assessment and evaluation. Course content also includes the use and development of rubrics. Prerequisite: NURS 5023

NURS 5213 NURSING EDUCATION PRACTICUM
This course involves a guided experience project for the classroom, simulation lab, online, or clinical teaching and evaluation, plus an online discussion forum. During the practicum, students will apply prior knowledge of instructional methods to the design, implementation, and evaluation of course/class/clinical content. Other content includes designing a teaching portfolio and weekly discussion checkpoints. Prerequisite: NURS 5023

NURS 5283 TECHNOLOGY SOLUTIONS FOR HEALTHCARE AND HEALTHCARE INFORMATION
Students focus on the rapid changes in information technology. The course examines current trends in nursing informatics and technology, including software, hardware, research, economics, healthcare consumer education and interaction, and the need for health information exchanges (HIE), including the data they manage and the services they offer (improvement of health) as well as challenges posed to privacy. Prerequisite: NURS 5023

NURS 5293 CLINICAL INFORMATION SYSTEMS DESIGN, IMPLEMENTATION, AND COMMUNICATION
Students evaluate the nurse informaticist’s role in selecting, implementing, managing, and supporting healthcare information systems in various professional settings. Students evaluate the process of selecting a system, managing a system change, communicating and leading change, securing clinician buy-in, and training staff. Other topics include system security, the evaluation of system performance, and the use of data gathered to guide business and patient care decisions, and regulatory and HIPAA standards related to system design and implementation. Prerequisite: NURS 5023

NURS 5303 HEALTHCARE SYSTEMS DATABASES
Students evaluate the theory and application of decision modeling in health care. Students will learn and apply skills in probabilistic reasoning, analyzing decisions, presentation of knowledge, and use of rule-based systems. Course content will also include an examination of system architecture as it supports clinical decision-making and the nursing and medical domain standards within information systems. Prerequisite: NURS 5023
COUN 5373 THEORIES/TECHNIQUES OF FAMILY COUNSELING
Prerequisite: Admission to Graduate Program. SU
Students examine human-computer interactions, including the design, evaluation, and implementation of interactive computing systems. Emphasis is given to how people and computers communicate, the human ability to use computers, concerns that arise in designing and building interfaces, and design trade-offs. Particular emphasis is placed on practical design and user interfaces and the use of interactive strategies and technologies to enhance health care delivery to consumers, especially underserved populations. Prerequisite: NURS 5023

NURS 5233 NURSING INFORMATICS PRACTICUM
Students create a final project that demonstrates the application of theoretical and practical aspects of nursing informatics, with a focus on leadership within the healthcare system. The project will incorporate integration of evidence-based practice, interdisciplinary collaboration, legal, and ethical issues. Students will have weekly discussions to serve as project checkpoints. Prerequisite: NURS 5023

School of Behavioral Sciences and Education

Department of Education

COUN 5000-4 INDIVIDUAL STUDY IN COUNSELING

COUN 5011-4 SEMINAR IN COUNSELING (TOPIC)
Group study of specified topic. One to four credit hours. Prerequisite: By permission only and Admission to Graduate Program.

COUN 5213 COMMUNITY COUNSELING
A course for prospective community counselors designed to investigate the special characteristics and functions of community counseling. Prerequisite: Admission to Graduate Program. SU

COUN 5373 THEORIES/TECHNIQUES OF FAMILY COUNSELING
A survey of family counseling theories and techniques with special emphasis on family relationships, assessment, intervention, and treatment. Prerequisite: Admission to Graduate Program. SU

COUN 5423 MULTICULTURAL CONCEPTS
This course is designed to prepare individuals for multicultural competence in a global society. The curriculum will engage students in theoretical, experimental, and research-oriented experiences in order to develop a comprehensive multicultural understanding that will lead to effective and ethical practice. Prerequisite: Admission to Graduate Program. S

COUN 5503 DEVELOPMENT OF SCHOOL GUIDANCE PROGRAM
Designed for prospective school counselors to improve interpersonal skills, investigate the characteristics and functions of school counseling and program development. Prerequisite: Admission to Graduate Program. S, F

COUN 5513 INTRODUCTION TO COUNSELING AND GUIDANCE
Introduction to guidance programs in community counseling centers and the elementary and secondary school as it involves the teacher, counselor, and administrators. F, S, SU

COUN 5523 CAREER COUNSELING
A course designed for counselors, teachers, guidance directors, school assistance, vocational, and life planning and development areas. Course information is oriented relative to educational and world-of-work opportunities including knowledge relative to labor market information & including current and projected economic trends. Prerequisite: Admission to Graduate Program. S, SU

COUN 5543 THEORIES AND TECHNIQUES OF COUNSELING
Designed to teach individual counseling theories and techniques. Application to community and public school counseling programs is stressed. Prerequisite: Admission to Graduate Program. F, S

COUN 5553 THEORIES AND TECHNIQUES OF GROUP COUNSELING
Designed to teach group counseling techniques appropriate to group counseling. Application to agency and public school counseling programs stressed. Prerequisite: Admission to Graduate Program. SU

COUN 5563 PRACTICUM IN COUNSELING
Course includes practical application of knowledge and techniques learned in previous course work to be applied in schools and/or community agency settings. Requires 150 hours of field experience and a grade of "B" or better for successful completion. Prerequisites: Admission to Graduate Program and IPAC approval. F, S

COUN 5593 ADVANCED TESTS AND MEASUREMENTS
A course designed to give educators and counselors advanced understanding of tests and measurement issues, design and development for diagnosis and/or educational purposes. F, S

COUN 5613 INTERNSHIP IN COUNSELING
An organized practicum/internship of 300 clock hours with planned counseling experiences which provide classroom, community and other field experiences for the professional counselor. All experience/activities are under the supervision of college or university approved counseling professionals. Prerequisite: Admission to Graduate Program and IPAC approval. F, S

COUN 5713 CLINICAL SUPERVISION
This course introduces models of counseling supervision. Students will become familiar with the Oklahoma LPC Supervision requirements and be acquainted with the research in counselor training and supervision. Video-recording of individual supervision sessions with practicum/internship students is required. This course fulfills the requirements set forth by the Oklahoma LPC Rules and Regulations as satisfying the requirement for a course in clinical supervision in order to become as LPC supervisor. Fall Only

COUN 5893 ETHICAL, LEGAL AND PROFESSIONAL STANDARDS
An examination of the objectives of professional organizations, codes of ethics, legal aspects of practice, family/school law, standards of preparation and the role identity of persons providing direct counseling or school psychological services. Prerequisite: Admission to Graduate Program. F, S, SU

EDPSY 5133 CRISIS INTERVENTION TECHNIQUES
An applied course in the principles and use of crisis intervention techniques within clinical and institutional settings. Prerequisite: Admission to Graduate Program. By signature only. May Intercession

EDPSY 5223 TECHNIQUES OF PSYCHOTHERAPY
Advanced study and application in treatment conceptualization, strategies, and techniques of psychotherapy. Prerequisite: Admission to Graduate Program. By signature only. S, SU

EDPSY 5233 ADVANCED PSYCHOLOGY OF SPORTS
Coverage of basic and advanced topics pertaining to the three areas of Sport Psychology: education, research, and application. The course will be covering information on the relationship between psychological issues and sports and exercise, with an emphasis on improving performance by way of psychological processes. Students will be exposed to research in the field of study. F, S

EDPSY 5422 PRACTICUM IN SCHOOL PSYCHOLOGY
Course includes practical application of knowledge and techniques
learned in previous course work to be applied in school settings.
Supervised experiences will include assessment, intervention,
prevention, counseling, and consultation activities. Requires 150 hours
of field experience, and a grade of “B” or better for successful completion.
Prerequisites: Admission to Graduate Program and IPAC approval.

EDPSY 5433 INTRODUCTION TO SCHOOL PSYCHOLOGY
Introduction and orientation to the field of school psychology. Explores
roles and functions of school psychologists and current issues pertaining
to assessment, education and prevention/intervention. Professional
standards in school psychology, the history of school psychology, special
services in the schools and legal and ethical issues pertaining to school
psychology and special education also are examined. F

EDPSY 5462 PSYCHOMETRICAL SERVICES
A study of the ethics, legal responsibilities, roles, and functions of
Psychometrists in multiple settings. Prerequisites: Admission to
Graduate Program, Advisor Approval. F, S

EDPSY 5513 INTERNSHIP IN SCHOOL PSYCHOLOGY I
Internship comprises one academic year of field experience in schools
under the supervision of university supervisors and a certified/licensed
school psychologist who is employed in a school system. Restricted to
approved students in the School Psychology program. Prerequisite(s):
Completion of required courses in School Psychology and IPAC
approval. F

EDPSY 5523 INTERNSHIP IN SCHOOL PSYCHOLOGY II
Internship comprises one academic year of field experience in schools
under the supervision of university supervisors and a certified/licensed
school psychologist who is employed in a school system. Restricted to
approved students in the School Psychology program. Prerequisite(s):
Completion of required courses in School Psychology and IPAC
approval. S

EDPSY 5563 SPECIAL DIAG METHODS
EDPSY 5563 SPECIAL DIAGNOSTIC METHODS
Study of procedures utilized in a comprehensive evaluation for placement
in special education. Students will administer, score, and interpret
assessment instruments to determine handicapping conditions.
Prerequisite: Admission to Graduate Program and Advisor
Approval. S

EDPSY 5613 BINET/WOODCOCK-JOHNSON
Study of the historical development, validation procedures, and test
content of the Stanford Binet/Woodcock Johnson Intelligence tests.
Students will administer, score, and interpret the Stanford Binet
Intelligence Scale-R and the Woodcock Johnson. Prerequisites:
Admission to Graduate Program, Advisor Approval. S

EDPSY 5633 ADVANCED ABNORMAL PSYCHOLOGY
An in-depth study of the causes, classifications, diagnosis and treatment
of abnormal behavior in adults, adolescents and children. Prerequisite:
Admission to Graduate Program. F, S

EDPSY 5653 LANGUAGE DEVELOPMENT
Covers the general issues and theories pertaining to language
development as well as an overview of language and speech disorders.
Required major research report and youth observation. S, F

EDPSY 5703 BEHAVIORAL INTERVENTION STRATEGIES
This course provides information about behavioral assessment methods;
strategies for increasing the frequency of appropriate behaviors;
cognitive behavioral systems of instruction; techniques for reduction of
excessive behaviors; legal and ethical issues; and interventions for a
variety of problematic behaviors. The student will study the use of
behavioral learning theory in instructional design as well as the impact
of cultural influences on behavior. Prerequisite: Admission to Graduate
Program. F, S, SU

EDPSY 5713 WECHSLER INTELLIGENCE SCALES
Study of the historical development, validation procedures, and test
content of the various Wechsler Intelligence Scales. Students will
administer, score and interpret the various Wechsler Intelligence scales.
Prerequisites: Admission to Graduate Program, Advisor Approval. F

EDPSY 5723 ADVANCED PSYCHOLOGY OF LEARNING
An intensive examination of the learning systems, developmental
capability and expectations, and interpretations of human learning as
they influence student achievement in the classroom. Major objectives
are also directed to competency mastery of the Competencies for
Licensure and Certification, the objectives for the Professional Teaching
Examination, and objectives for the Competencies for School
Administrators as presented by the Oklahoma Commission for Teacher
Preparation. Prerequisite: Admission to the Graduate Program, F, S,
SU

EDPSY 5743 LIFE SPAN DEVELOPMENT
An examination of the increasingly complex factors which influence
overall development of individuals throughout the life span concept.
Included in this presentation are psychological foundations, maturational
development, learning capability, social adjustment, and career
preparation. Prerequisite: Admission to the Graduate Program. F, S,
SU

EDPSY 5783 PRACTICUM IN SCHOOL PSYCHOMETRY
Supervised experiences in the administration, scoring and interpretation
of individual intelligence scales and other diagnostic
assessment/evaluation instruments. Prerequisites: Admission to the
Graduate Program, advisor approval.

EDPSY 5813 CONSULTATION AND COLLABORATION
This course introduces the attitudes, concepts and skills of indirect
service delivery through consultation and collaborative relationships.
Students will develop skills to assist parents, teachers, and other
socialization agents to help ameliorate the behavioral, social-emotional
and educational problems of children and youth. Content of the course
emphasizes basic models of consultation including a problem-solving
model designed to make principles derived from educational and
behavioral research available to professionals engaged in the education
and socialization of children and youth. Admission to the Graduate Program. Summer Only

EDPSY 5883 ADVANCED PSYCHOLOGICAL TESTING
A study of various psychological techniques used in the assessment of
personality and psychological disorders. Prerequisites: Admission to the
Graduate Program.

Educational Foundations

EDUC 5001-4 INDEPENDENT STUDY IN EDUCATION (TOPIC)
Directed intensive study on a selected problem or a special topic. Credit
one to four semester hours. Prerequisite: Admission to Graduate
Program

EDUC 5011-4 SEMINAR IN EDUCATION (TOPIC)
Directed intensive study on a selected problem or a special topic. Credit
one to four semester hours. Prerequisite: Admission to Graduate
Program

EDUC 5113 INTRODUCTION TO RESEARCH
Provides students the skills necessary to become intelligent and critical
consumers of research. Introduces students to principles and methods of
both quantitative and qualitative contemporary educational research.
Prerequisite: Admission to Graduate Program

EDUC 5123 INSTRUCTIONAL STRATEGIES FOR CONTENT COACHING
An analysis of selected instructional strategies for content-area coaches.
Emphasis given to incremental levels of coaching activities; including
student assessment, assessment data analysis, unit planning, and co-teaching opportunities. **Prerequisite:** Admission to Graduate Program

**EDUC 5143 DEVELOPING THE COACHING RELATIONSHIP**
An investigation and analysis of selected strategies for developing relationships in schools. Emphasis on effective communication between teachers and administrators in the development of relational trust. Focus includes communication, support, safety, competence, continuous renewal, and trust. **Prerequisite:** Admission to Graduate Program

**EDUC 5153 PARTICIPATIVE LEADERSHIP**
An examination of participative leadership models that enhance classroom instruction and collaboration among educators. Emphasis on ethical practices of instructional leaders from a servant-leadership philosophy. **Prerequisite:** Admission to Graduate Program

**EDUC 5163 LEADERSHIP THEORIES & BEHAVIORS**
An investigation and analysis of selected leadership theories and behaviors as they pertain to practice within an organization. Emphasis on identifying, informing, and directing effective leadership behaviors. **Prerequisite:** Admission to Graduate Program.

**EDUC 5213 CONTEMPORARY READINGS**
Discussion, analysis, and understanding of ingrained norms of the education community via class discussion of contemporary research articles on leadership roles. Development of strategies for overcoming barriers to colleague trust-building accomplished through readings and participant shared experiences. **Prerequisite:** Admission to Graduate Program.

**EDUC 5223 MOTIVATIONAL STRATEGIES FOR LEADERS**
Analysis of motivational strategies for instructional leaders. Emphasis on synthesizing various motivational techniques and their practical application for practitioners in public school classrooms. **Prerequisite:** Admission to Graduate Program.

**EDUC 5233 FORMATIVE ASSESSMENT FOR INSTRUCTIONAL LEADERS**
Discussion of various teaching strategies and the study of assessment procedures to improve the teaching-learning process through the utilization of formative assessment measures. Emphasis on candidates' ability to utilize informal and formal assessments to monitor student progress. **Prerequisite:** Admission to Graduate Program.

**EDUC 5513 PRACTICUM IN EARLY CHILDHOOD EDUCATION**
Observation experiences; planning and conducting the early childhood education program under instructor's supervision. (Four hours per week laboratory participation; one hour conference.) **Prerequisites:** Admission to Graduate Program and **ECD 4533**

**ECED 5463 THE EXPRESSIVE ARTS**
Development of concepts and methods in art, music and literature appropriate for early childhood education. **Prerequisite:** Admission to Graduate Program

**ECED 5482 EXPLORING THE CHILD'S WORLD**
Development of concepts and methods in math, science and social studies appropriate for early childhood education. **Prerequisite:** Admission to Graduate Program

**ECED 5533 GUIDANCE OF THE PRESCHOOL CHILD**
An introduction to developmentally appropriate practice in the guidance of young children; emphasis on developmental needs, behavior of preschool children, methods and principles of guidance. Two hours laboratory participation per week. **Prerequisite:** Admission to Graduate Program

**ECED 5583 EARLY CHILDHOOD AND KINDERGARTEN EDUCATION**
A survey of current practices, programs, and innovations in early childhood education. Emphasis is placed upon the young child's cognitive, social, emotional, and physical development. **Prerequisite:** Admission to Graduate Program and **PSYCH 3413**

**Elementary Education**

**ELEM 5000-5004 INDIVIDUAL STUDY IN ELEMENTARY EDUCATION**
Individual study of specified topic for graduate students. **Prerequisite:** Admission to Teacher Education and/or Graduate School.

**ELEM 5222 PHONICS AND PENMANSHIP**
A study of the phonetic elements in the English language, in addition to instruction in cursive and manuscript writing. **Prerequisite:** Admission to Graduate Program

**ELEM 5453 LANGUAGE ARTS IN THE ELEMENTARY SCHOOL**
A course considering the scope and nature of an exemplary program of instruction in the language arts. **Prerequisite:** Admission to Graduate Program

**ELEM 5473 TEACHING LITERATURE IN THE ELEMENTARY SCHOOL**
Practical creative experiences with a variety of types of literature as they are interrelated to art, music and dramatics. **Prerequisite:** Admission to the Graduate Program.

**ELEM 5522 CONTENT, METHODS AND MATERIALS IN SOCIAL STUDIES FOR ELEMENTARY TEACHERS**
Emphasis is placed upon organization of a unified and correlated social studies program and the development of resource units. **Prerequisite:** Admission to Graduate Program

**ELEM 5533 CONTENT, METHODS AND MATERIALS IN MATHEMATICS FOR ELEMENTARY TEACHERS**
Study of the scope of mathematics in the elementary school with emphasis on developmental learning, methods and materials for teaching. **Prerequisite:** Admission to Graduate Program

**ELEM 5513 TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL**
Problems, trends, issues and research in elementary mathematics and their relationship in modern educational practices. **Prerequisites:** Admission to Graduate Program and **ELEM 3513**

**ELEM 5613 EDUCATIONAL TESTS AND MEASUREMENTS (ELEM)**

---

**Early Childhood**
Study of assessment procedures to improve the teaching-learning process through the utilization of norm-referenced and criterion-referenced measures. Students construct, administer, score, and/or interpret tests. Prerequisite: Admission to Graduate Program

ELEM 5693 TEACHING IN THE ELEMENTARY SCHOOL
Identification and analysis of the prevalent problems, including trends and issues encountered while teaching in the elementary school. Individual investigation of problems is performed by the students. Prerequisite: Admission to Graduate Program

ELEM 5833 PRINCIPLES OF TEACHING ELEMENTARY SCHOOL
An in-depth study of the Elementary School and its roles/purposes in American society with major emphasis toward subject integration, content delivery techniques and overall responsibilities of elementary teachers. Prerequisite: Admission to Graduate Program

Reading

RDNG 5000-5004 INDIVIDUAL STUDY IN READING
Individual study of specified topic for graduate students. Credit three semester hours. Prerequisite: Admission to Teacher Education and/or Graduate School.

RDNG 5123 THE TEACHING OF READING I
Basic principles of reading instruction; techniques and materials for teaching reading; a study of readiness, word recognition skills, comprehension, critical reading, study skills, and vocabulary development. Prerequisite: Admission to Graduate Program

RDNG 5132 THE TEACHING OF READING II
A continuation of RDNG 3423, with emphasis on word recognition, vocabulary, and comprehension. Prerequisites: Admission to Graduate Program and RDNG 3423

RDNG 5143 DIAGNOSTIC PRACTICES IN TEACHING OF READING
Practice course with actual reading disability cases with whom the techniques of diagnosis and treatment of reading difficulties are used. Prerequisites: Admission to Graduate Program and RDNG 3423, RDNG 3432

RDNG 5183 ANALYSIS OF READING SYSTEMS
Basal readers, language experience, individualized, augmented alphabet, phonic, linguistic, programmed and interdisciplinary approaches are examined, discussed, and reviewed. Prerequisite: Admission to Graduate Program.

RDNG 5413 FOUNDATIONS OF READING
Comprehensive study of the physical, sociocultural, and psychological foundations of reading and principles of language relationships and their creative understandings. Prerequisite: Admission to Graduate Program

RDNG 5423 DIAGNOSIS AND REMEDIATION OF READING I
A study of the nature and causes of reading difficulties. There is emphasis on administration, scoring, and interpretation of individualized reading tests. Prerequisite: Admission to Graduate Program and RDNG 5413

RDNG 5433 DIAGNOSIS AND REMEDIATION OF READING II
A continuation of RDNG 5423, with emphasis on a reading diagnosis model and the administration, scoring, and interpretation of formal and informal testing. Prerequisite: Admission to Graduate Program and RDNG 5413.

RDNG 5443 PRACTICUM IN READING-INDIVIDUAL
After complete testing and diagnosis, individuals tutor a small group of children three or four hours weekly. Follow-up discussions are held regularly. Prerequisite: Must be graduate student.

RDNG 5453 PRACTICUM IN READING--GROUP
After complete testing and diagnosis, individuals tutor a small group of children three or four times weekly. Follow-up discussions are held regularly. Prerequisite: Must be graduate student.

RDNG 5463 ORGANIZATION AND SUPERVISION OF READING
Methods of organizing and supervising various types of reading programs are discussed. Some of the topics include the selection of personnel and pupils, identifying appropriate evaluation procedures, materials, and equipment. Prerequisite: Admission to Graduate Program and RDNG 5413.

RDNG 5953 READING CAPSTONE EXPERIENCE
Comprehensive study of and reflection on professional reading standards as demonstrated in the professional culminating portfolio. Candidate preparation and presentation of professional development opportunities. Prerequisite: Admission to Graduate Program and RDNG 5423, RDNG 5433, RDNG 5443, and RDNG 5453.

Special Education

SPCED 5000-4 INDIVIDUAL STUDY IN SPECIAL EDUCATION
A problem, topic, or issue in the field of special education to more effectively meet the needs of learning disabled students. Credit 1 to 3 semester hours. Prerequisites: SPCED 3132 Exceptional Children, SPCED 3223 Introduction Learning Disabilities, and Admission to the Graduate Program. Credit 1 to 4 semester hours.

SPCED 5113 STRATEGIES FOR TEACHING THE LEARNING DIS
Graduate component of certification requirement in special education (LD). Discussion of various curriculum, instructional strategies, and techniques for teaching children and adolescents with learning disabilities. Prerequisites: SPCED3132, and SPCED3223 and admission to the School of Education and the Graduate Program.

SPCED 5163 INSTRUCTIONAL CONTENT AND PRACTICES FOR STUDENTS WITH SEVERE, PROFOUND OR MULTIPLE DISABILITIES
A field based course which concentrates on the study, development, and practice of teaching techniques, instructional strategies and curriculum models for teaching students with severe or profound levels of disability in a variety of educational settings throughout the lifespan. Note: This course includes a requirement of 16 hours of supervised field experience. Prerequisite: Admission to Graduate Program

SPCED 5213 INTRODUCTION SPECIAL EDUCATION
Study of causative correlational factors, physical and emotional characteristics of students with disabilities at each developmental level. Special emphasis is placed on the issues and trends surrounding the identification and educational needs of the student with disabilities. Prerequisite: Admission to Graduate Program

SPCED 5223 DETECTING & CORRECTING SPECIAL PROBLEMS IN THE INCLUSIVE CLASSROOM
Strategies to prevent, alter, improve, and maintain social, emotional, and academic behaviors of the exceptional child in the inclusive classroom and community. Prerequisite: Admission to Graduate Program

SPCED 5362 LEGAL & ETHICAL PRACTICES IN SPECIAL EDUCATION
Study of special education law as it affects teachers and professionals in the public school. Special emphasis is placed on policies and procedures, manifestation determinations, alternate placements, Individual Education Planning (IEP) and due process. This course is team taught by administration and special education faculty. Prerequisite: Admission to Graduate Program

SPCED 5433 ASSESSMENT OF EXCEPTIONAL INDIVIDUALS
Study of formal and informal assessment procedures appropriate for the evaluation of all ages with special learning needs. Students construct, administer, score and/or interpret norm-referenced tests, and informal assessment procedures. Prerequisites: Admission to Graduate Program
SPCED 5443 METHODS TEACHING AUTISM SPECTRUM DISORDERS
A comprehensive overview of the characteristics, identification and placement of students with Autism Spectrum Disorders. The course offers a study of causative-correlation factors and the effect they have on the students throughout the various developmental stages. The course involves scientific-based teaching strategies and techniques which includes various educational trends and issues facing students, families, and teachers.

SPCED 5623 INSTRUCTIONAL CONTENT AND PRACTICES FOR STUDENTS WITH MILD OR MODERATE DISABILITIES
A field-based course concentrating on the study, development and practice of teaching techniques, instructional strategies and curriculum models for teaching students with mild or moderate levels of disability in a variety of educational settings throughout the lifespan. Note: This course includes a requirement of 16 hours of supervised field experience. Prerequisite: Admission to Graduate Program

SPCED 5781-4 PRACTICUM IN SCHOOL PSYCHOMETRY
Supervised experience in the administration, scoring, and interpretation of various individual intelligence scales and other diagnostic assessment instruments. Credit 1-4 semester hours. Prerequisite: Admission to the Graduate Program, Signature Only.

SPCED 5811 PRACTICUM - SEVERE, PROFOUND OR MULTIPLE DISABILITIES
Graduate component of practicum requirement in special education (severe, profound or multiple disabilities). Supervised experiences in designing and implementing various educational and leisure time experiences with children who have severe, profound or multiple disabilities. Prerequisite: Admission to Graduate Program

SPCED 5821 PRACTICUM - MILD OR MODERATE DISABILITIES
Graduate component of practicum requirement in special education (mild-moderate disabilities). Supervised experiences in designing and implementing various educational, recreational, and leisure time experiences with children who have mild or moderate disabilities. Prerequisite: Admission to Graduate Program

SPCED 5852 ENHANCING COMMUNICATION AND COLLABORATION IN TRANSITIONAL PROGRAMS
Study of educational strategies and curriculum models for secondary special needs students, and transitional programs from birth to adulthood.

SPCED 5863 PLANNING AND MANAGING THE TEACHING ENVIRONMENT
Study of curriculum issues and instructional strategies for teaching special needs students in a variety of classroom settings. Emphasis is placed on writing the Individual Education Plan and its components (transition plans, Behavior plans and modification to instruction). Prerequisite: Admission to Graduate Program

SPCED 5913 INSTRUCTIONAL CONTENT AND PRACTICES FOR STUDENTS WITH SEVERE OR PROFOUND DISABILITIES
A field-based course which concentrates on the study, development, and practice of teaching techniques, instructional strategies and curriculum models for teaching students with severe or profound levels of disability in a variety of educational settings throughout the lifespan. Note: This course includes a requirement of 16 hours of supervised field experience.

Secondary Education

SECD 5000-4 INDIVIDUAL STUDY IN SECONDARY EDUCATION
Individual study of specified topic for graduate students. Credit 0-4 semester hours. Prerequisite: Admission to Teacher Education and/or Graduate School.

SECD 5833 TEACHING IN SECONDARY SCHOOL
Intensive study of teaching methods, current problems, and implications of newer practices in secondary education. Prerequisite: Admission to Graduate Program

Educational Administration

EDAD 5000-5004 INDIVIDUAL STUDY IN EDUCATIONAL ADMINISTRATION
Individual study of specified topic for graduate students. Credit 0-4 semester hours. Prerequisite: Admission to Graduate School.

EDAD 5233 FUNDAMENTALS OF CURRICULUM PLANNING
Explores critical elements of curriculum planning and implementation for educational administrators. Interrelationships among past, present, and future perspectives are emphasized through articles written by leading curriculum experts. Emphasis is on the processes of planning, developing, and implementing essential curriculum in the schools. Prerequisite: Admission to Graduate Program

EDAD 5313 SCHOOL PERSONNEL ADMINISTRATION
Fundamental concepts of the personnel function in the public school with emphasis on recruitment, selection, placement, professional development, and dismissal of teachers, certificated and non-certified staff. Prerequisite: Admission to Graduate Program

EDAD 5413 INTERNSHIP IN EDUCATIONAL ADMINISTRATION (PRINCIPAL)
This course is designed to give practical, current experiences at the school site to the student who aspires to be a public school principal. Administrator activities such as finance, personnel, facilities, organization, curriculum and others guided by the sponsoring school site administrator and the university supervisor will be emphasized. Prerequisite: Completion of 24 hours in Educational Administration

EDAD 5613 EDUCATIONAL ADMINISTRATION THEORY
The course provides students with the theoretical knowledge essential for the effective school administrator. Students explore theoretical and practical aspects of systems and organizations, school climate, leadership, communication, strategic planning, problem solving and decision making, change, dealing with conflict, and community involvement. Prerequisite: Admission to Graduate Program

EDAD 5622 HUMAN RELATION IN EDUCATION
Comprehensive study of the human factor in public education. Examinations of multiethnic groups, theories of motivation, confluent education, and role image and development are included in the study. Prerequisite: Admission to Graduate Program. P, SU

EDAD 5713 EDUCATIONAL LEADERSHIP PSYCHOLOGY
Students investigate the role of psychology in educational leadership as leaders work with others to conduct business, carry out evaluative practices, manage personnel, and develop and implement curriculum. Key concepts addressed include building and maintaining productive relationships that ultimately lead to enhanced student performance. The course also provides methods and perspectives for building capacity in teaching ranks. Essential approaches, tools, skills, and procedures are investigated and practiced in school settings. Prerequisite: Admission to Graduate

EDAD 5813 SUPERVISION OF INSTRUCTION
Theory and concepts of modern school supervision are applied to situations in which administrators, supervisors, coordinators, and teachers are working in the public schools today. Students are given hands-on experience in supervising and evaluating classroom teachers. Prerequisite: Admission to Graduate Program

EDAD 5853 SCHOOL COMMUNITY RELATIONS
Students examine community structures and resources in social and political contexts in order to understand and apply the principles of school-community relations in local schools and school districts. Aspiring
EDAD 5953 THE PRINCIPALSHIP
Public school management systems are emphasized including patterns of development/organization, activities, theories and practices, staff development, and reporting procedures, e.g., accreditation, attendance child count, transportation and federal regulations. Prerequisite: Admission to Graduate Program

EDAD 5953 FUNDAMENTAL OF PUBLIC SCHOOL ADMINISTRATION
Provides the student with the theoretical aspects of educational administrative theory, leadership, organizational climate, social change, decision making, communications; and the history and evolution of educational administration are considered. Prerequisite: Admission to the Graduate Program.

EDAD 5963 SCHOOL PUBLIC RELATIONS
Interrelationship of school and community with prospective movements, organizations and activities. A study of various types of school public relations. Prerequisite: Admission to the Graduate Program.

EDAD 5973 PUBLIC SCHOOL FINANCE
A study of the theories and practices of public school finance including budgeting, cost analysis, supplies, and financial controls from the local, state, and national levels. Prerequisite: Admission to Graduate Program

EDAD 5983 PUBLIC SCHOOL LAW
Critical study of the legal aspects of public school education with special reference to continuing and contemporary statutes of immediate concern to public school teachers, administrators, counselors, and staff. Prerequisite: Admission to Graduate Program

Library Media

LIBED 5003-4 INDIVIDUAL STUDY IN LIBRARY MEDIA
Individual study of topics for graduate students. Credit 3-4 semester hours. Prerequisite: Admission to the Graduate Program.

LIBED 5423 MEDIA AND TECHNOLOGY
A study of the use of computers and other media equipment in an instructional setting. The main vehicle of instruction will be modular and include the procedures to produce instructional materials using Microsoft Office Application Programs. Integration of the Internet with Microsoft Office is an integral part of the instruction. Prerequisite: Admission to Graduate Program

LIBED 5472 ADVANCED MEDIA AND TECHNOLOGY
Students will develop advanced skills in the utilization of media equipment and materials production using the computer. Microsoft Office and the Internet will be utilized as an instructional technique. Techniques will also be developed in teaching methods to utilize multimedia in an educational setting. Prerequisite: Admission to Graduate Program

Department of Kinesiology

KINES 3393 NUTRITION FOR CHILDREN
A study of the basic knowledge of nutrition with emphasis on the nutritional needs of children and ways of implementing nutrition education. S

KINES 4113 ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION & RECREATION
A study of the organization and administration of physical education programs in the public schools, colleges, and with special populations. D

KINES 4383 DEVELOPMENT OF PROGRAMS, FACILITIES AND MANAGEMENT
This course will incorporate the study of programs, facilities and management skills to meet the demands of working in exercise science, fitness, sports management or recreation. It will include an in-depth look into areas such as program and facility design, budget issues, personnel, etc. S

KINES 4541 CAPSTONE EXPERIENCE IN HPE
The Capstone Experience in Health and Physical Education course is designed to be a capstone experience for the HPE major in Teacher Education. The course is the academic crowning point for the major. Information is offered to the student regarding entry into the teaching professional semester and the profession. State comprehensive testing and information is also covered. Additionally opportunities in the profession and the professional application of the knowledge they have acquired are addressed. Corequisite: KINES 4553. Prerequisite: Admission to Teacher Education Program. F

KINES 4553 TEACHERS COURSE IN HEALTH AND PHYSICAL EDUCATION
Problems, methods, and materials for teaching physical education in grades K-12. Corequisite: KINES 4541. Prerequisite: Admission to Teacher Education Program. F

KINES 4873 CURRICULUM CONSTRUCTION IN HEALTH, PHYSICAL EDUCATION AND RECREATION
A study of the methodology of developing curriculum materials in health, physical education and recreation. D

KINES 4892 THEORY OF COACHING TRACK & MINOR SPORTS
A study of the techniques of coaching track and minor sports. For the graduate student. D

KINES 5001-4 INDIVIDUAL STUDY IN HEALTH AND PHYSICAL EDUCATION (TOPIC)
Individual study of specified topic in health, physical education, and recreation for graduate students. Credit one to four semester hours. Prerequisite: Admission to the Graduate Program. D

KINES 5011-4 SEMINAR IN HEALTH AND PHYSICAL EDUCATION (TOPIC)
Group study of specified topic in health, physical education, and recreation for graduate students. Credit one to four hours. D

KINES 5052 SOCIOLOGY OF SPORTS
Study of sports in society as they relate to: Competition at all levels, sports for youngsters, minorities in sports and future of sports. Additional course work is required for the graduate student. D

KINES 5063 LEGAL ASPECTS IN PHYSICAL EDUCATION, RECREATION, AND ATHLETICS
An in depth analysis and study of legal liability for the practitioner as it relates to physical education, recreation and athletics. The course presents an overview of legal issues, duties and liability as they relate to student rights, teacher rights, and conduct of programs, as well as causes and prevention of accidents which could result in liability suits. Additional course work is required for the graduate student. D

KINES 5073 EVALUATION IN PHYSICAL EDUCATION
Knowledge and principles in techniques of evaluation and measurement and test construction in physical education. Additional course work is required for the graduate student. D

KINES 5113 ORGANIZATION AND ADMINISTRATION IN HEALTH, PHYSICAL EDUCATION AND RECREATION
...
KINES 5122 ORGANIZATION & ADMINISTRATION OF ATHLETICS
A study of the organization and administration of athletic programs for the public schools and colleges. Additional course work is required for the graduate student. D

KINES 5133 TEACHING HEALTH IN PUBLIC SCHOOLS
A course designed to study the science of personal and community health, the psychology of teaching health elements of child growth and development and adolescent health problems; planning and organizing for teaching mental health, nutrition, disease control and program appraisal. Understanding the role of health education in the total educational effort. Additional course work is required for the graduate student. D

KINES 5213 CURRENT APPLICATIONS IN HEALTH AND PHYSICAL EDUCATION AND RECREATION
This course will be an analysis in current events in the fields of Health and Physical Education in public and private, business or higher education as well as an application of that analysis in real world situations and settings.

KINES 5223 PROBLEMS IN HEALTH, PHYSICAL EDUCATION AND RECREATION
Problem identification and solution in these areas of specialization are pursued. Prerequisite: Admission to the Graduate Program. D

KINES 5234 EXERCISE PHYSIOLOGY
A study of conditions that are related to the learning of movement-oriented skills, improvement of motor performance, and physiological effects of exercise. Additional course work is required for the graduate student. D

KINES 5234L EXERCISE PHYSIOLOGY LAB
A study of conditions that are related to the learning of movement-oriented skills, improvement of motor performance and the physiological effects of exercise. Lab provides hands-on experience. Additional course work is required for the graduate student. D

KINES 5243 THERAPEUTIC AND PRESCRIPTIVE PHYSICAL EDUCATION
A course designed to increase knowledge and understanding of the uniqueness of individuals with special needs. Emphasis in modifying physical activities for exceptional children; motor testing; analyses of skill development and principles in techniques of evaluation and assessment in physical education. Additional course work is required for the graduate student. D

KINES 5262 MOTOR LEARNING
A study of the body of knowledge underlying the development of successful instruction and training strategies critical for skill acquisition. Motor learning issues are viewed from a behavioral perspective with emphasis on application and performance. Additional course work is required for the graduate student. D

KINES 5383 DEVELOPMENTAL PROGRAMS, FACILITIES AND MANAGEMENT
This course will incorporate the study of programs, facilities and management skills to meet the demands of working in exercise science, fitness, sports management or recreation. It will include an in-depth look into areas such as program and facility design, budget issues, personnel, etc.

KINES 5393 NUTRITION FOR CHILDREN
A study of the basic knowledge of nutrition with emphasis on the nutritional needs of children and ways of implementing nutrition education.

KINES 5443 KINESIOLOGY AND ANATOMY
The study of anatomy, osteology and the muscular system which affect and/or are affected by movement and sports related performance. Additional course work is required for the graduate student. D

KINES 5533 METHODS AND MATERIALS IN ELEMENTARY HEALTH, PHYSICAL EDUCATION & RECREATION
Theory and practice in teaching physical education activities at the elementary level with emphasis on methods, materials, planning, and conducting elementary programs. Additional course work is required for the graduate student. D

KINES 5541 CAPSTONE EXPERIENCE IN HEALTH, PHYSICAL EDUCATION AND RECREATION
The course is designed to be a capstone experience for the HPE major in Teacher Education. The course is the academic crowning point for the major. Information is offered to the student regarding entry into the teaching professional semester and the profession. State comprehensive testing and information is also covered. Additionally, opportunities in the profession and the professional application of the knowledge they have acquired are addressed. Additional course work is required for the graduate student. Prerequisite: Admission to the Teacher’s Education Program; Admission to the graduate program. Corequisite: KINES5563 - Teachers Course in HPE.

KINES 5552 HEALTH EDUCATION IN PUBLIC SCHOOL
Designed to acquaint teachers with areas of health education, health instruction, health services, and healthful school living; development of programs. Prerequisite: Admission to the Graduate Program. D

KINES 5563 TEACHERS COURSE IN HEALTH AND PHYSICAL EDUCATION
Problems, methods, and materials for teaching physical education in grades K-12. Must concurrently enroll in KINES4541 Capstone Experience. Prerequisite: Admission to the Teacher Education Program.

KINES 5802 THEORY OF COACHING FOOTBALL
Designed more for male students. Knowledge and preparation in techniques and methods of coaching football. Additional course work is required for the graduate student. D

KINES 5832 THEORY OF COACHING BASKETBALL
Fundamentals and techniques applied to coaching basketball. Additional course work is required for the graduate student. D

KINES 5862 THEORY OF COACHING BASEBALL
Knowledge and preparation in techniques and methods applied to coaching baseball. Additional course work is required for the graduate student. D

KINES 5912 DIRECTED READINGS IN HEALTH AND PHYSICAL EDUCATION
Directed readings in Health and Physical as assigned by the instructor. Limited to academic peer reviewed publications and texts.

KINES 5923 ADVANCED RESEARCH IN HEALTH AND PHYSICAL EDUCATION
This course will require the student to produce a rigorous, research-based project utilizing much of the knowledge accumulated through the choice of electives, directed readings, applications and research methods provided during the pursuit of the student’s degree. The project must be approved by the instructor and presented in proper form.

Sports Management

SPRTM 5001-4 INDIVIDUAL STUDY IN SPORTS MANAGEMENT
Individual study of specified topics for Sports Management for the graduate student. F, S, SU
The course is dedicated to the expanded study of sports management ethics and the manner in which ethics can be applied and implemented in an individual's personal and professional life. Ethics in sports can dictate coaching philosophies, business transactions, contract negotiations in professional relationships, and therefore is one of the key components in sports management.

**SPRTM 5011-4 SEMINAR IN SPORTS MANAGEMENT**
Group study of specified topic for sports Management for the graduate student. F, S, SU

**SPRTM 5503 ADVANCED SPORTS MANAGEMENT**
Advanced theory, application and practice of sports management. Topics include sports management, marketing, human resource management and contracting of public, private and professional areas. F, S, SU

**SPRTM 5513 ADVANCED FINANCE OF SPORTS**
The student examines the use of sport organization’s financial information for decision making. It is structured around both advanced financial accounting and advanced management accounting technologies. The student will concentrate on analysis of financial statements, structured analysis using internal accounting information and budgeting and control issues for private sport, collegiate athletics and professional sport. F, S, SU

**SPRTM 5523 ADVANCED LEADERSHIP IN SPORTS**
This course is designed to provide an examination of effective sport leadership techniques and practices above basic principles of leadership. Student will examine advanced concepts of leadership (theories, principals, traits and skills), study examples of team bonding, create and construct exercises which will enhance team work, team interaction, or problem solving. This course is also designed to give students an increased exposure to different types of leadership so the student may see how successful those types are in given situations. F, S, SU

**SPRTM 5533 ADVANCED SPORTS INFORMATION MANAGEMENT**
Advanced Sports Information Management will provide the student with an increased view of the sports information field. Topics will include marketing, fundraising, statistics, and media contact as well as writing and commenting similar to sport information director. F, S, SU

**SPRTM 5543 ADVANCED OLYMPISIM THEORY**
This course is designed to give the student an expanded understanding of the ideas and ideas that encompass the Olympic theory along with the political and economic impact of the Modern Olympic games. The student will also be given critical thinking exercises to research the Olympic movement throughout the world. F, S, SU

**SPRTM 5553 ADVANCED FITNESS AND WELLNESS PROGRAM DESIGN**
This course is designed to provide the student with the knowledge, organization, and techniques to create, maintain and adjust fitness programs for individual and team settings. Create total programs (including cardio, resistance, and nutrition) for individuals, create sport specific and goal specific programs for individuals and teams using budgetary considerations. F, S, SU

**SPRTM 5563 ADVANCED NUTRITION FOR ATHLETES**
This course is to equip the student with the tools necessary for counseling an athlete in the area of advanced nutrition. Although this course is strongly sports oriented, it is also helpful to those people who want to know how to maximize the body’s movement potential through nutrition. F, S, SU

**SPRTM 5573 ADVANCED GROUP DYNAMICS IN SPORTS**
Designed to give the sport administrator the ability to create a positive environment, identify member attributes, create a positive and cohesive structure, and evaluate procedures within the sports organization. F, S, SU

**SPRTM 5583 ADVANCED STRATEGIC PLANNING INSPORTS**
Designed to provide the future athletic director with the ability to analyze and organization’s environment, set objectives and decide on specific actions to create a flexible plan for an athletic program. F, S, SU

**SPRTM 5593 ADVANCED ETHICS IN SPORT MANAGEMENT**
Department of Parks and Recreation Management

**NRM 5001-4 INDEPENDENT STUDY IN NATURAL RESOURCE MANAGEMENT**
Independent study in natural resource management and associated fields. Credit one to four semester hours. Prerequisite: Admission to Graduate Program. D

**NRM 5011-4 SEMINAR IN NATURAL RESOURCE MANAGEMENT**
Group study of specified topic for the Natural Resource Recreation Management graduate student. Credit of one to four semester hours. D

**NRM 5162 MOUNTAIN RESOURCE MANAGEMENT**
This course will explore the diversity of mountain environments, the geological processes that shape them, and the role that people play in using, transforming, and conserving them. The course is divided into two broad sections; Physical Geography of Mountain Environments and Human Geography of Mountain Environments. During roughly the first half of the course, we will examine physical processes, including plate tectonics and mountain building, along with volcanism, mountain climate, landforms, and geomorphology. During the second half of the course, we will look at climate change, mountain resource use practices (including agriculture, mining, forestry, and tourism), and the conservation of mountain environments. F

**NRM 5172 NATURAL RESOURCE LAW**
An intensive study of federal and Oklahoma laws relating to land, water, wildlife, and environmental management. F, S

**NRM 5192 BIRD ID FOR WILDLIFE MANAGERS**
Designed to teach students how to identify commonly managed wild bird species within the context of wildlife management. S

**NRM 5201 THE PARK RANGER**
Theory and practice of park law enforcement. F

**NRM 5211 GAME AND FISH LAW**
Introduction to federal and state laws pertaining to game and fish management. S

**NRM 5773 NATURAL RESOURCE MANAGEMENT**
Theory and practice of natural resource and park area management. Special attention is placed on the organization and administration of state and federal level natural resource areas. Interpretive techniques in natural, cultural, and historical sites are discussed as well. F, S

**NRM 5782 RESOURCE INTERPRETATION**
This course provides the student with knowledge, skills, and abilities in the field of resource interpretation. Topics will include interpretation of natural, cultural, and historic resources. S

**NRM 5792 LAND USE PLANNING**
Land use planning is the study of uses of land both urban and rural, including protection of agricultural land. Protection of wildlife through land use planning is studied. Land use issues also include water rights and usage, conservation, eminent domain, zoning, and environmental concerns with particular emphasis on land use laws and regulations applicable to Oklahoma. S
NRM 5802 WILDLAND FIRE ECOLOGY
This course will explore the field of wildland fire ecology. Topics will include fire dependent wilderness ecosystems and the restoration of fire dependent ecosystems through the use of prescribed fire.

NRM 5812 WILDLIFE MANAGEMENT
This course explores the process of balancing the needs of wildlife with the needs of humans.

NRM 5832 WILDLIFE HABITAT MANAGEMENT
This course is designed to expose students to wildlife habitats and give them experiences in those fields.

Parks and Recreation Management

PRM 5011-4 SEMINAR IN PARKS AND RECREATION MANAGEMENT
Group study of specified topic for the Parks and Recreation Management undergraduate student. Credit of one to four semester hours. D

PRM 5001-4 INDEPENDENT STUDY IN PARKS AND RECREATION MANAGEMENT
Independent study in parks and recreation management and associated fields. Credit one to four semester hours. Prerequisite: Admission to Graduate Program. D

PRM 5103 INTERNSHIP IN PARKS AND RECREATION MANAGEMENT
Graduate students serve an internship in parks and recreation management with a federal, state, local, or non-profit agency. F, S, SU

PRM 5123 RISK MANAGEMENT IN RECREATION
Designed to expose parks and recreation management/park law enforcement majors and minors to current trends and issues relating to risk management and legal liability minimization. F, S, SU

PRM 5132 WILDERNESS SURVIVAL
Theory and practice of survival / primitive living in remote wilderness settings. Topics include edible plants, shelter building, snare construction, bow and drill construction / fire starting, implement construction, etc. F, S

PRM 3 EMERGENCY RESPONSE
Fundamentals of response to emergency situations. Successful completion of the course leads to American Red Cross certification in Emergency Response and CPR for the Professional Rescuer. F

PRM 5163 COMMUNITY RECREATION
Organization and administration of community based parks and recreation areas, facilities, and programs. F, S, SU

PRM 5203 RESEARCH IN PARKS AND RECREATION MANAGEMENT
Research in a parks and recreation management topic are assigned. F,S,S, SU

PRM 5221 OUTDOOR EDUCATION / ADVENTURE PROGRAMMING
Designed to increase knowledge and understanding of a variety of activities associated with outdoor education and adventure programming including: low and high challenge course, artificial rock climbing, canoeing, sailing, rappelling, and rappelling self-rescue. Historical background and theoretical perspectives of outdoor education and adventure programming will be discussed. SU

PRM 5321 SMALL CRAFT SAFETY
Theory and practice of small craft safety and boating law. F

PRM 5343 INTRO TO CRIMINAL INVESTIGATIONS
General principles of police investigation, evaluation, processing and assignment of complaints, methods of obtaining evidence and interviewing techniques.

PRM 5404 LEGAL ISSUES
This course deals with the criminal law portion of the Oklahoma Basic Council on Law Enforcement, Education and Training Academy. F

PRM 5432 ROPE COURSE FACILITATION
Theory and practice of challenge course facilitation. Topics include low and high course facilitation, knot tying, climbing wall facilitation, rappelling, rappelling self-rescue, rope rigging, ropes course rescue, and prusiking. Emphasis placed on psychological and sociological outcomes associated with challenge course programming. F, S

PRM 5441 HIGH ANGLE RESCUE
Rope rescue techniques and practices. Including rappelling, rappelling self-rescue, rappelling pick-offs, victim stokes basket packaging, lowering and raising. SU

PRM 5452 ADVANCED ROPES
Theory and practice of advanced challenge course facilitation, rock, and rescue site management. Topics include all areas of high challenge course facilitation, knot tying, high element rigging and ropes course rescue. Other topics will include rappelling, rappelling self rescue, and fixed line ascension. Special attention will be given to rock climbing and rappelling anchor rigging as well as high angle rescue techniques including rappelling pick-off rescues, victim stokes basket packaging, lowering, and raising. F, S

PRM 5552 BACKPACKING
This course provides the student with knowledge, skills and abilities in backpacking. This off-campus course includes map and compass reading, route finding, weather interpretation, and expedition leadership.

PRM 5541 TACTICAL MEDICINE
This course will provide the student with a thorough exposure to the field of Tactical Medicine. Topics will include: gunshot and stabbing wound care, dealing with blood loss, and breathing emergencies.

PRM 5641 TERRORISM
Inform the student of various terrorist indicators, probable targets, investigative resources, and appropriate response. Develop an understanding of the historical roots of modern day terrorism. Become familiarized with various terrorist groups and the religious ideology of militant extremists. S

PRM 5663 RECREATION MANAGEMENT
Theory and practice of parks, recreation, and leisure service management. Topics include fiscal management, human resource management, and risk management in the parks and recreation field. F, S

PRM 5673 OUTDOOR RECREATION
A study of philosophy, principles, and concepts of outdoor recreation program planning. Focuses on the development of outdoor recreation, outdoor adventure, and organized camping programs. F, S

PRM 5702 RECREATIONAL AREAS AND FACILITIES MANAGEMENT
Theory and practice of recreational areas and facilities management. Special emphasis is placed on planning and design of parks, recreational, and sporting areas and facilities. F, S, SU

PRM 5722 ALPINE ADVENTURE PROGRAM
This course provides the opportunity to gain knowledge, skills and abilities in the area of alpine adventure education.

PRM 5902 DIRECTED READINGS IN PARKS AND RECREATION MANAGEMENT
Directed readings in parks and recreation management as assigned by the instructor. F, S, SU

School of Business and Technology
Department of Business

Accounting

ACCTG 5003 INDIVIDUAL STUDY IN ACCOUNTING (TOPIC)  
Independent study of selected topics for graduate students under the supervision of an accounting faculty member. Prerequisite: Instructor, graduate advisor, and Chair approval. D

ACCTG 5013 SEMINAR IN ACCOUNTING (TOPIC)  
Seminar for graduate students in selected accounting topics. Prerequisite: Instructor and graduate advisor approval. D

ACCTG 5113 ACCOUNTING FOR GOVERNMENT/NON-PROFIT ORGANIZATIONS  
A study of fund accounting and reporting in relation to government entities, health care and educational institutions. Prerequisite: Graduate advisor approval. D

ACCTG 5223 COMPUTERIZED ACCOUNTING  
This course provides applied exercise with computerized integrated accounting systems. Students will be using popular professional software packages. The emphasis will be on the concept of computerized accounting in general rather than on specific software. Prerequisite: Graduate advisor approval. D

ACCTG 5253 INTRODUCTION TO COMPUTER FORENSICS  
This course will focus on providing a clear and authoritative introduction to the field of computer forensics as it applies to the investigative process; from the collection of digital evidence to the presentation of Computer Forensic Examination findings in a court of law. Prerequisite: Graduate advisor approval. D

ACCTG 5313 INCOME TAX ACCOUNTING I  
Introduction to general concepts of federal income tax law as it applies to individuals, corporations, partnerships, fiduciaries and estate gift tax. Prerequisite: Graduate advisor approval. D

ACCTG 5323 INCOME TAX ACCOUNTING II  
A continuation of the study of federal income, estate and gift taxes with emphasis on technical knowledge needed by accounting majors. Prerequisite: ACCTG 5313 or equivalent and graduate advisor approval. D

ACCTG 5333 INTERNSHIP IN ACCOUNTING  
Directed experience working in an organization at a level requiring professional duties and responsibilities. A detailed journal and term report are required. Open only to students majoring in Accounting who have completed 80 credit hours and at least 70% of the common professional component. Further details can be obtained in the Chair's office. Prerequisite: Approval by the supervising faculty, advisor, and Chair. D

ACCTG 5633 FINANCIAL ACCOUNTING FOR DECISION MAKING  
Emphasis is upon use of financial and managerial accounting with special attention placed on interpretation of financial statements and their conceptual significance in making business decisions. Prerequisites: Graduate advisor approval. F

ACCTG 5643 GLOBALIZATION OF ACCTG FINANCE AND INVEST  
A study of accounting for operations of multinational enterprises as they relate to a wide variety of regulatory, social and environmental influences. Subjects include the foreign currency translation, foreign exchange risk management, financing tools, and investments related global entities. Prerequisite: Graduate advisor approval. D

Entrepreneurship

ENTRP 5013 SEMINAR IN ENTREPRENEURSHIP (TOPIC)  
Group study of selected topics in entrepreneurship for graduate students. Prerequisites: Graduate advisor approval. D

ENTRP 5143 MANAGERIAL JURISPRUDENCE  
This is a survey course in law, regulation and ethics. It covers a diverse group of legal areas including comparative legal systems, litigation, constitutional law, administrative regulation, torts, contracts, product liability, internet, employment and environmental law. A unit on budgeting and planning is included. Prerequisite: Graduate advisor approval.

ENTRP 5233 LEADERSHIP AND GENDER  
Students will examine the framework that gender and other factors play in defining and determining access to leadership in the US workplace. Students will focus on leadership positions with the corporate, political and non-profit sectors. The course will be interactive with discussions, outside readings, and videos. Prerequisite: Graduate advisor approval. D

ENTRP 5433 ENTREPRENEURSHIP/NEW VENTURE  
Comprehensive course examining entrepreneurial attitudes and understandings. Focuses on application of management functions to the operation of small firms: feasibility of owning a business; financial planning & credit management; production & marketing decision making; the role of e-commerce; & human resources management. Focuses on various steps and procedures necessary for building a successful venture. Students introduced to theory & practice of entrepreneurship through reading, case studies, web assignments, and a business plan project. Prerequisite: Graduate advisor approval.

Finance

FINAN 5003 INDIVIDUAL STUDY IN FINANCE (TOPIC)  
Independent study of selected topics for graduate students under the supervision of a finance faculty member. Prerequisites: Instructor, graduate advisor, and Associate Dean approval. D

FINAN 5013 SEMINAR IN FINANCE (TOPIC)  
Seminar for graduate students in selected finance topics. Prerequisites: Instructor and graduate advisor approval. D

FINAN 5213 COMMERCIAL BANK MANAGEMENT  
Financial management of the banking firm including theories and practices of bank asset management, banking markets and competition. Prerequisite: Graduate advisor approval. D

FINAN 5233 SMALL BUSINESS FINANCE  
The purpose of this course is to present an overview of what entrepreneurial finance is about. It will convey the importance of understanding and applying entrepreneurial finance methods and tools to help ensure an entrepreneurial venture is successful. A life cycle approach to entrepreneurial finance is used to cover venture operating and financial decisions faced by the entrepreneur as a venture progresses from an idea through to harvesting the venture. Prerequisite: FINAN 3433 or equivalent and graduate advisor approval. D

FINAN 5263 ADVANCED FINANCIAL MANAGEMENT  
An advanced study of the function of finance in the business enterprise: financial planning, capital budgeting, cost of capital, return-on investment, management of cash and other current assets, capital structure, sources of financing. Prerequisites: Graduate advisor approval. F

FINAN 5333 INTERNSHIP IN FINANCE  
Directed experience working in an organization at a level requiring professional duties and responsibilities. A detailed journal and report are required. Further details can be obtained in the Associate Dean’s office. Prerequisites: Approval by the supervising faculty, graduate advisor, and Chair. D
FINAN 5393 INTERNATIONAL FINANCE
An examination of international financial markets and their impact on macroeconomic institutions. Designed to develop an understanding of exchange rate determination, foreign exchange policy and international macroeconomic policy. Prerequisites: Graduate advisor approval. S

FINAN 5513 PORTFOLIO MANAGEMENT I
First of two courses addressing the tools and processes available to manage the cash resources and meet the financial goals of the individual investor/enterprise. Students will construct, manage, track, and report results of an investment portfolio. Prerequisite: Graduate advisor approval. D

FINAN 5523 PORTFOLIO MANAGEMENT II
A continuation course of FINAN 5513. Prerequisite: FINAN 5513 and Graduate advisor approval. D

FINAN 5523 PORTFOLIO MANAGEMENT II
A continuation course of FINAN 5513. Prerequisite: FINAN 5513 and Graduate advisor approval. D

MNGMT 5003 INDIVIDUAL STUDY IN MANAGEMENT (TOPIC)
Independent study of selected topics for graduate students under the supervision of a management faculty member. Prerequisites: Instructor, graduate advisor, and Chair approval. D

MNGMT 5113 GENDER ISSUES IN HR MANAGEMENT & DEVELOPMENT
Survey course into gender issues in the workplace. The course will explore the legal and cultural aspects of work environments, policies and practices surrounding gender differences and equality. Prerequisite: Graduate advisor approval.

MNGMT 5013 SEMINAR IN MANAGEMENT (TOPIC)
Group study of selected topics in management for graduate students. Prerequisites: Instructor and graduate advisor approval. D.

MNGMT 5153 MANAGERIAL ETHICS
An advanced study of managerial ethics in a dynamic and changing environment. Stakeholders and issues management approaches are reviewed in the decision-making process. Both classical and contemporary concepts are explored as an aspect of managerial ethics. Management decisions that are value-laden will be assessed in the moral context. The student will gain knowledge in managing corporate social responsibility and individual ethical leadership. Prerequisite: Graduate advisor approval.

MNGMT 5163 MANAGERIAL LEADERSHIP
This course examines the impact of leadership on organizational effectiveness through a study of numerous theories of leadership. A conceptual understanding of the individual, interpersonal, and institutional impact of strong moral leadership in relation to strategic objectives is discussed. Emphasis is placed on exploring contemporary leadership issues and the development of effective leadership skills. Prerequisite: Graduate advisor approval.

MNGMT 5183 SALES SKILLS & MANAGEMENT
The course will focus on the terminology, principles, practices, and processes involved in sales and sales management. The course is a fun way to develop the necessary skill set to successfully sell products and learn the unique nature of sales management. Extensive case studies, group work, and oral presentations will be involved. Prerequisite: Graduate advisor approval. D

MNGMT 5213 CRISIS MANAGEMENT
Crisis occurs at the personal, organizational, local, state, and national level. All organizations, private, public, and not-for-profit are faced with the possibility of disasters that impact their ability to successfully continue operations. On a smaller scale, crisis can create convenient planning, preparation, response, recovery, and the organizational transition that must occur after recovery from a crisis. Prerequisite: Graduate advisor approval. D

MNGMT 5223 INNOVATIVE MANAGEMENT TECHNOLOGIES
This course will discuss the use of technology in management functions. The focus is on innovative collaborative technologies that increase creativity and efficiency. Technologies discussed will include: Enterprise Resource Planning (ERP), Human Resource Information Systems (HRIS), Problem solving and decision making software, brainstorming software, web conferencing, SMART boards, Joomla and Drupal. Prerequisites: Graduate advisor approval. D

MNGMT 5233 ENTREPRENEURSHIP & NEW VENTURE
Comprehensive course examining entrepreneurial attitudes and understandings. Focuses on application of management functions to the operation of small firms: feasibility of owning a business, financial planning and credit management; production and marketing decision making; the role of e-commerce; and human resources management. Focuses on various steps and procedures necessary for building a successful venture. Students introduced to theory and practice of entrepreneurship through readings, case studies, web assignments, and a business plan project. Prerequisite: Graduate advisor approval. D

MNGMT 5243 PRACTICAL MNGMT SKILLS
This course will focus on developing practical management skills that transfer knowledge from theoretical courses into practical application. Each student will have an opportunity to address: time management, organization methods, managing meetings, leading a team through a problem solving initiative, creating a change management plan -- Gap analysis, communicating a plan in writing and verbally, interviewing and appraising performance, and providing verbal feedback. Prerequisite: Graduate advisor approval. D

MNGMT 5313 EVENT MANAGEMENT
This course gives learners the opportunity to conceptualize, plan, and manage and event for a charitable organization during the course period. This provides learners with hands on experience in managing a team, managing the creative process, managing the development of a plan of action, managing a budget, managing communication channels, and managing the event. The goal of this course is to learn how to create and manage a successful event while providing a service to our community. Prerequisite: Graduate advisor approval. D

MNGMT 5323 PROJECT MANAGEMENT
This course gives learners the opportunity to conceptualize, plan, and manage an individual project. The project may be personal or business related. This provides learners with hands on experience in planning the management of a team, management of the creative process, management of the development of a plan of action, management of a budget, management of communication channels, and management of the entire project. The goal of this course is to learn how to create and manage a successful project using project management methodology. Prerequisite: Graduate advisor approval. D

MNGMT 5333 INTERNSHIP IN MANAGEMENT
Direct experience working in an organization at a level requiring professional duties and responsibilities. A detailed journal and report are required. Further details can be obtained in the Associate Dean's office. Prerequisite: Approval by the supervising faculty, graduate advisor, and Chair. D

MNGMT 5433 ADVANCED HUMAN RESOURCE MANAGEMENT
Course involves advanced study of Human Resource Management functions including job analysis, recruitment, selection, performance appraisal, training and development, compensation, benefits administration, employment laws and employee relations. Course will focus on enhancing students' ability to effectively address problems with HRM implications. Prerequisite: Graduate advisor approval. SU

MNGMT 5533 MANAGEMENT AND ORGANIZATIONAL BEHAVIOR
An advanced study of contemporary theories of individual and group behavior in organizations. Emphasis will be placed on topics including motivation, development, and change management. Course will be geared towards helping students develop managerial skills. **Prerequisite: Graduate advisor approval.**

**MNGMT 5633 INTERNATIONAL MANAGEMENT**
A course designed to involve the student with the theories, concepts, problems, and practices encountered in managing the multi-national business firm. **Prerequisite: Graduate advisor approval.**

**MNGMT 5643 ADVANCED QUANTITATIVE METHODS AND OPERATIONS ANALYSIS**
This course emphasizes the study of quantitative techniques which support effective decision-making. It focuses on the formulation, analysis, and interpretation of optimization models for various applications in management including marketing, accounting, finance, and operations. In addition, topics may include aggregate planning, queuing theory, inventory control, scheduling and decision theory. **Prerequisite: Graduate advisor approval.**

**MNGMT 5923 BUSINESS STRATEGY AND POLICY**
A comprehensive course in business policy formulation and strategy development, integrating all aspects of business management. The course is designed to introduce students to the theory and practice of strategic management, using a variety of readings and cases and other pedagogical tools and techniques. **Prerequisite: Graduate advisor approval.**

**Department of Computer Science & Engineering Technology**

**MRKTG 5003 INDIVIDUAL STUDY IN MARKETING (TOPIC)**
Independent study of specified topics in marketing for graduate students. **Prerequisite: Instructor, graduate advisor, and Associate Dean’s approval.**

**MRKTG 5013 SEMINAR IN MARKETING (TOPIC)**
Group study of selected topics in marketing for graduate students. **Prerequisite: Instructor and graduate advisor approval.**

**MRKTG 5123 SERVICES MARKETING**
This course examines the special attributes of services that make the marketing and management of services different and more challenging than the marketing of goods. As services dominate the economics of the industrialized world, students will learn a managerial approach to competing in an ever-increasing competitive and technological world. The course is lecture, discussion, and project-based. **Prerequisite: Graduate advisor approval.**

**MRKTG 5133 SPORTS MARKETING**
An in-depth study of the application of marketing principles and concepts in the sports industry. Includes sponsorships, branding, promotions, public relations, licensing, and sports consumer research and behavior from the perspective of both participants and spectators. Students will examine applications through the use of case studies and other relevant readings in sports fields. **Prerequisite: Graduate advisor approval.**

**MRKTG 5183 SALES SKILLS & MANAGEMENT**
The course will focus on the terminology, principles, practices, and processes involved in sales and sales management. The course is a fun way to develop the necessary skill set to successfully sell products and learn the unique nature of sales management. Extensive case studies, group work, and oral presentations will be involved. **Prerequisite: Graduate advisor approval.**

**MRKTG 5243 MARKETING RESEARCH**
The course is designed to prepare the student to be an informed, effective user of marketing research; to acquaint the student with the importance of well-developed research questions; to address those questions using the appropriate basic research design; and, to select an adequate sample with which to answer those questions. The course provides an overview of research techniques available for collecting information to answer specific research questions. **Prerequisite: Graduate advisor approval.**

**MRKTG 5333 INTERNSHIP IN MARKETING**
Direct experience working in an organization at a level requiring professional duties and responsibilities. A detailed journal and report are required. Further details can be obtained in the Associate Dean’s office. **Prerequisite: Approval by the supervising faculty, graduate advisor, and Chair.**

**MRKTG 5623 MARKETING STRATEGY**
Provides students with a broad perspective of environmental conditions (enabling and restraining variables) within which marketers must operate as they develop policies, plans, strategies, and evaluation procedures. **Prerequisite: Graduate advisor approval.**

**MRKTG 5643 INTERNATIONAL MARKETING**
The course expands the scope of marketing principles from a domestic market to the considerably broader and increasingly important and competitive international arena. The course emphasizes such major topics as cultural differences, legal and monetary considerations, and adaptations to the domestic marketing mix. **Prerequisite: Graduate advisor approval.**

**MRKTG 5923 BUSINESS STRATEGY AND POLICY**
A comprehensive course in business policy formulation and strategy development, integrating all aspects of business management. The course is designed to introduce students to the theory and practice of strategic management, using a variety of readings and cases and other pedagogical tools and techniques. **Prerequisite: Graduate advisor approval.**

**Computer Science**

**COMSC 5013 SEMINAR IN COMPUTER SCIENCE**
**Prerequisite: Graduate advisor approval.**

**COMSC 5043 GEOGRAPHIC INFORMATION SYSTEMS**
Fundamental concepts of Geographic Information Systems (GIS), elements of GIS, analysis of spatial information, real-world applications, map creation and analysis. Primary objective is to investigate interactive GIS application rather than develop expert users. **Prerequisite: Graduate advisor approval.**

**COMSC 5133 SOFTWARE ENGINEERING**
Techniques and procedures for developing software products and supporting documentation. Emphasis on software life cycle models and teamwork in the development of software products. **Prerequisite: Graduate advisor approval.**

**COMSC 5513 BUSINESS INTELLIGENCE**
This course starts with an analysis of information support systems that serve the management at all levels in the decision-making process. The decision-support system information is derived from various models and databases within the organization and/or outside the organization. Theoretical concepts related to artificial intelligence (AI) are studied. A study of various commercially available expert systems will be undertaken in the context of decision support systems test cases. **Prerequisite: Graduate advisor approval.**

**Technology**

**MFET 5183 STATICS AND STRENGTHS**

**MFET 5433 AUTOMATION & CONTROL SYSTEMS**
A survey of automated manufacturing and related activities. **Prerequisite: Graduate advisor approval.**

**MFET 5443 MATERIAL HANDLING AND FACILITY PLANNING**
A study of the factors influencing location, layout, and planning of industrial facilities.
TECH 5000-4 INDIVIDUAL STUDY IN TECHNOLOGY (TOPIC)
Individual study of specified topic in technology for graduate students. Credit one to four semester hours. Prerequisite: Graduate advisor approval. D

TECH 5010-4 SEMINAR IN TECHNOLOGY (TOPIC)
Group study of specified topic in technology for graduate students. Credit one to four semester hours. Prerequisite: Graduate advisor approval.

TECH 5113 INDUSTRIAL SAFETY
Course emphasizes the recognition and prevention of unsafe working conditions. OSHA regulations are emphasized.

TECH 5123 INDUSTRIAL SUPERVISION
Principles and practice of industrial supervision and leadership are presented. Topics include the duties and responsibilities of the supervisor in an industrial setting. Specifically communication, group dynamics, employee behavior, ethics, current training techniques, health and safety, labor relations, and the supervisor’s for productivity and quality are addressed. Prerequisite: Graduate advisor approval.

TECH 5173 ENVIRONMENTAL REGULATIONS
A study of the significant acts of environmental legislation, the role of various federal agencies, the history of environmental regulation and other environmental concerns. Prerequisite: Graduate advisor approval.

TECH 5213 2D CAD
A study of computer techniques for drafting including drawing, editing and plotting commands. AutoCAD software is used to produce orthographic, schematic, pictorial and architectural drawings. 3D drawing concepts are introduced. Prerequisite: Graduate advisor approval. Corequisite: TECH 5213L.

TECH 5243 3D CAD SOLIDWORKS
An advanced course in 3D computer applications. Parametric model drawings, assembly, presentation and detail drawings are produced using a variety of software packages. Prerequisite: Graduate advisor approval.

TECH 5373 ECONOMIC DECISION ANALYSIS
The course is designed to provide the student with an understanding of methods and practices for evaluating the economic impact of decisions concerning products and processes and an ability to analyze financial documents used to assess organizational performance. Prerequisite: MATH 1513 and graduate advisor approval.
GRADUATE FACULTY

VERONICA AGUINAGA (2015) Education Instructor; B.S., Southwestern Oklahoma State University; M.Ed., University of Central Oklahoma; Ed.D. Concordia University.

LISA APPEDDU (2004) Associate Professor; B.S., M.S., University of Kansas; Ph.D., New Mexico State University.

JIMENA ARACENA (2006) Associate Professor; B.S., University of Kansas; M.S., University of Miami; Ph.D., University of Kansas.

AMY BARNETT (2005) Education Director of Community Counseling & Psychometry Master's Programs, Professor; B.S., M.S., M.Ed, Southwestern Oklahoma State University; Ph.D., Oklahoma State University.

RANDY BARNETT (2009) Psychology Associate Dean; Chair and Associate Professor; B.S., M.S., Southwestern Oklahoma State University, Ph.D., Oklahoma State University.

DAVID BESSINGER (1984) Music Chair and Professor; B.M.E., Baylor University; M.M., University of Illinois Urbana; D.M.A., University of Oklahoma.

LISA BOGGS (1992) Associate Professor; A.A., Eastern Wyoming College; B.A., M.A., Chadron State College; Ph.D., University of Wyoming.

ALLEN BOYD (2007) Education Instructor; B.S., Southwestern Oklahoma State University; M.Ed., University of Oklahoma; Ed.D, Concordia University Chicago.

RUTH BOYD (2004) VP for Student Affairs Associate Professor; B.S., M.B.A., Southwestern Oklahoma State University; Ph.D., University of Oklahoma.

SHERRI BROGDON (2012) Education Assistant Professor; B.B.A., Midwestern State University, M.B.A. Wayland Baptist University; Ph.D., University of North Texas.

DAN R. BROWN (2001) Social Sciences Assistant Professor; B.A., Oklahoma State University; J.D., University of Tulsa.

BECKY L. BRUCE (2013) Social Sciences Assistant Professor; B.A., Eastern New Mexico State University; M.A., University of Nevada, Las Vegas; Ph.D., University of Alabama.

MELINDA C. R. BURGESS (2003) Psychology Professor; B.A., Colby College; M.A., Hollins College; Ph.D., Florida State University.

STEPHEN R. BURGESS (1997) Psychology Professor; B.A., Wake Forest University; M.A., Hollins College; Ph.D., Florida State University.

BRIAN D. CAMPBELL (1997) Chemistry and Physics Bernard Professor; B.S., University of Wisconsin; M.S., Ph.D., University of Iowa.

LISA M. CASTLE (2010) Biological Sciences Associate Professor; B.A., University of Colorado; Ph.D., University of Kansas.

RAYGAN I. CHAIN (2015) Business Assistant Professor; B.A., University of Oklahoma; J.D., University of Oklahoma.

HUNG-CHIEH CHANG (2005) Mathematics Associate Professor; B.S., National Taiwan University, M.S., Ph.D., Purdue University.

JIEUN CHANG (2014) Social Sciences Assistant Professor; B.A., Gangneung-Wonju National University (South Korea); M.A., Seoul National University (South Korea); M.A., Michigan State University; M.A. University of Colorado at Boulder; Ph.D., University of Colorado at Boulder.

KEVIN COLLINS (2004) Language and Literature Professor; B.A., San Francisco State University; M.A., San Diego State University; Ph.D., University of Arkansas.

RICKEY D. COTHRAN (2014) Biological Sciences Assistant Professor; B.S., M.S., Ph.D., Oklahoma State University.

MARC DI PAOLO (2017) Language and Literature Assistant Professor; B.A., SUNY, Geneseo; M.A., The College of Staten Island; Ph.D., Drew University.

STACEY DI PAOLO (2010) Language and Literature Associate Professor; B.A., Eastern Wyoming College; M.A., San Diego State University.

MICHAEL DOUGHERTY (2000) Mathematics Associate Professor and Chair; B.S., Creighton University, M.S., Ph.D., Purdue University.

JERRY W. DUNN (2002) Social Sciences Associate Professor; B.S., M.S., Oklahoma State University; Ph.D., Kansas State University.

JARED EDWARDS (2008) Psychology Professor; B.S., Southeast Missouri State University; M.A., Ph.D., Southern Illinois University Carbondale.

JORIE EDWARDS (2009) Psychology Professor; B.S., University of Illinois; M.A., Ph.D., Southern Illinois University.

DAVID ESJORNSON (2005) Chemistry and Physics Associate Professor; B.S., University of St. Thomas; Ph.D., Purdue University.

SYLVIA R. ESJORNSON (1995) Chemistry and Physics Professor; B.S., University of Scranton; Ph.D., Purdue University.

AMANDA EVERT (2015) Business Assistant Professor; B.S., M.S., Ph.D., Oklahoma State University.

DANIEL FABRY (2007) Music Associate Professor; B.M., Angelo State University; D.M.A., University of North Texas.

FREDERICK B. GATES (2002) Social Sciences Professor; B.B.A., Mercer University; M.A., University of North Carolina Charlotte; Ph.D., University of Georgia.

VICTORIA GAYDOSIK (1999) Language & Literature Professor; B.A., University of Wisconsin-Madison; M.A., Portland State University; Ph.D., University of Rochester.

SWARUP GHOSH (2014) Mathematics
Assistant Professor; B.S., M.S., University of Calcutta; Ph.D., Bowling Green State University.

KRISTEN GRIFFEATH (2011)......................... Music Associate Professor; B.M., Lawrence University Conservatory of Music; M.M., University of Arizona; M.M., University of Missouri-Kansas City Conservatory of Music and Dance; D.M.A., University of Missouri-Kansas City Conservatory of Music and Dance.

ROBIN GRIFFEATH (2012)............................. Music Associate Professor; B.M., Lawrence University Conservatory of Music; M.M., University of Arizona; M.M., University of Missouri-Kansas City Conservatory of Music and Dance; D.M.A., University of Missouri-Kansas City Conservatory of Music and Dance.

TERRY GOFORTH (1989).......................... Chemistry and Physics Professor; B.S., Southwestern Oklahoma State University; M.S., Ph.D., University of Oklahoma.

JOHN K. HAYDEN (1992)........................... Social Sciences Chair and Bernhardt Professor; B.A., Georgetown University; M.A., Ph.D., University of Virginia.

DAVID HERTZEL (1996)............................ Social Sciences Professor; B.A. University of Washington; M.A., Ph.D., University of Oregon.

CHRISTOPHER HORTON (2014).................. Biological Sciences Assistant Professor; B.S. Arkansas Tech University; Ph.D., The University of Oklahoma Health Science Center.

TIMOTHY J. HUBIN (2005)....................... Chemistry and Physics Chair and Professor; B.S., Kansas State University; Ph.D., University of Kansas.

EUNKYUNG JEONG (2005)...................... Art, Communication & Theatre Associate Professor; B.F.A., Dong-A University of Korea; B.A., M.F.A., State University of New York, New Paltz; Ph.D., Texas Tech University.

JASON L. JOHNSON (1996)...................... Arts and Sciences Dean and Professor; B.S., University of Science and Arts of Oklahoma; Ph.D., University of Oklahoma.

ROBIN JONES (1999)......................... Art, Communication & Theatre Chair and Associate Professor; B.S., Oklahoma State University; M.A., Southwestern Baptist Theological Seminary; Ph.D., University of Oklahoma.

ZACH JONES (2015)............................. Biological Sciences Chair and Associate Professor; B.A., Colorado College, Ph.D., University of Colorado.

WILLIAM J KELLEY (1994)..................... Chemistry and Physics Chair and Professor; B.S., Worcester Polytechnic Institute; Ph.D., Dartmouth College.

JOEL KENDALL (1998).......................... Associate Provost Professor; B.A., Oklahoma State University; M.A., Indiana University; Ph.D., University of Oklahoma.

CHAD KINDER (1997)............................ Dean College of Professional & Graduate Studies; Associate Professor; B.S., M.Ed., Southwestern Oklahoma State University; Ed.D. Oklahoma State University.

SUNU KODUMTHARA (2010).................. Social Sciences Associate Professor; B.A., Southwestern Oklahoma State University; M.A., Oklahoma State University; Ph.D. University of Oklahoma.

RONALD KOEHN (2000)....................... Mathematics Assistant Professor; B.S., Oklahoma State University; M.S., Wichita State University; Ph.D., University of Oklahoma.
HOLO A. KURTZ (2013) ............................... Social Sciences Associate Professor; B.S., M.S., North Texas State University; Ph.D., University of North Texas.

CHI CHEN SOPHIA LEE (2002) ...................... Music Professor; B.M., Ohio University; M.A., University of Minnesota; Ph.D., University of Minnesota.

HSUAN-YU ALEX LEE (2015) .................... Music Assistant Professor; B.M., M.M., National Taiwan Normal University; D.M.A., University of North Texas.

DOUGLAS LINDER (2006) ......................... Chemistry and Physics Associate Professor, B.S., University of Wisconsin-River Falls; Ph.D., North Dakota State University.

KELLEY LOGAN (1994) ............................. Language and Literature Professor; B.A., University of South Alabama; M.A., Ph.D., Florida State University.

PHILLIP MARTINSON (2017) ...................... Music Assistant Professor; B.M., University of Akron; M.M., Indiana University; D.M.A., University of Oklahoma.

SHELLEY MARTINSON (2013) ..................... Music Assistant Professor; B.A., M.M., Skidmore College; M.M., University of Akron; D.M.A., Florida State University.

DAVID MARTYN (2008) ............................ Chemistry and Physics Associate Professor; B.S., Southern Nazarene University; M.S., Ph.D., University of Oklahoma.

THOMAS MCNAMARA (2008) ..................... Mathematics Associate Professor; B.S., William Patterson University; M.A., Ph.D., Saint Louis University.

REGINA McGRANE (2015) ......................... Biological Sciences Assistant Professor; B.A., University of Northern Iowa; Ph.D., Iowa State University.

HOLLY MCKEE (2013) ............................. Business & Computer Science Assistant Professor; B.B.A., University of Oklahoma; M.S. College of St. Scholastica; Ph.D. Nova Southeastern University of Engineering & Computing.

EVETTE MELIZA (2005) ............................ Education Associate Professor; B.A. Northwestern Oklahoma State University; M.A. Emporia State (Kansas) University; Ph.D., University of Oklahoma.

STEVEN W. O'NEAL (1990) ....................... Biological Sciences Professor; B.A., Illinois Wesleyan University; Ph.D., University of Miami.

PATSY PARKER (2007) ............................. Business & Computer Science Associate Dean and Bernard Professor; B.S., M.E. Southwestern Oklahoma State University; Ph.D., University of Oklahoma.

TODD PARKER (2006) .............................. Art, Communication & Theatre Assistant Professor; B.F.A., Oklahoma State University; M.A., M.F.A., Northern Illinois University, Ph.D. University of Oklahoma.

ERIC R. PAUL (2006) ............................. Biological Sciences Professor; Masters in Virology, S.V. University, Tirupati, India; Masters in Biotechnology, Assa University, Chennai, India; Ph.D., Texas Tech University.

CYNTHIA PEÑA (2008) ............................. Language and Literature Associate Professor; B.A., Universidad Autonoma de Nuevo Leon; M.F.A, University of Texas at El Paso; Ph.D., Texas Tech University.

HANK RAMSEY (2010) ............................. Business & Computer Science Associate Professor; B.S., University of Tulsa; M.A., Lindenwood University; Ed.D., Oklahoma State University.

ROBERTO RIVERA (2002) ......................... Mathematics Assistant Professor; B.S., Ph.D., Georgia Institute of Technology.

L. ANN RUSSELL (1986) ......................... Education Professor; B.A., M.Ed., University of North Texas; Ed.D., Oklahoma State University.

LISA SCHROEDER (2005) .......................... Art, Communication & Theatre Professor; B.A., Kent State University; M.A., University of Akron; Ph.D., Kent State University.

TAMI SCHULZ-MOSER (2007) ..................... Pharmaceutical Sciences Associate Professor; B.S., M.P.A., University of Oklahoma; Ph.D., Capella University.

ROBIN R. SOBANSKY (2012) ..................... Education Director of School Psychology Education Specialist Program, Professor, B.A., M.S.Ed., Wayne State College, Ph.D., University of Nebraska.

VIJAY SOMALINGA (2017) ....................... Biological Sciences Assistant Professor; B.S., University of Madras; M.S., Manonmaniam Sundaranar University; M.S., McMaster University; Ph.D., University of Western Ontario.

JAMES D. SOUTH (1995) ........................ Provost and VP Academic Affairs Professor; B.S., M.S., John Carroll University; Ph.D., Kent State University.

ANTHONY A. STEIN (2001) ..................... Chemistry and Physics Assistant Professor; B.S., Illinois Institute of Technology; Ph.D., University of California.

AMBER STURGEON (2005) ........................ Kinesiology Assistant Professor; B.S., M.S., Ph.D., Oklahoma State University.

RICHARD TIRK (2012) ............................. Music Associate Professor; B.M.Ed, Lawrence Conservatory of Music; M.M., Western Michigan University; D.M.A., Michigan State University.

MUATASEM UBEIDAT (2003) ..................... Biological Sciences Associate Professor; B.S., M.S., Yarmouk University; Ph.D., University of Wuppertal.

TRISHA WALD (2009) ............................. Business & Computer Science, Associate Professor; B.B.A., Southwestern Oklahoma State University; J.D., University of Oklahoma.

TODD WIGGEN (2016) ............................. Business & Computer Science Assistant Professor; B.A., Eastern Washington University, Cheney, WA; M.S., University of Idaho, Moscow, ID; M.S., National Defense Intelligence College, Washington, DC; D.Ed., Northcentral University, Prescott, AZ.

MICHAEL W. WOLFF (1990) ..................... Psychology Associate Professor; B.S., University of Wisconsin; M.S., California State University; Ph.D., Florida State University.
ASSOCIATE MEMBERS

WARREN AKERS (2004) .................................................. Mathematics Instructor; B.S., University of Alaska; M.S., University of Colorado; M.S., University of Oregon.


JOHN BRADSHAW (2004) ................................ Language and Literature Assistant Professor; B.A., M.A., Northeast Louisiana University; M.A., University of Iowa.

MARSHA CARMAN (2016) ................................ Art, Communication, Theatre Instructor; B.S., M.Ed., Southwestern Oklahoma State University.

CATHARINE DEVAUGHAN (2000) ..................... Mathematics Instructor; B.S., Southwestern Oklahoma State University; M.S., Colorado State University.

LAURA A. ENDICOTT (2003) ....................... Social Sciences Instructor; B.A., Rockhurst College; M.A., University of Virginia.


PAUL HUMMEL (2009) ............ Parks and Recreation Management Instructor and Park Director; B.S. Southwestern Oklahoma State University.


MARC D. LEONARD (2015) ...................... Business Instructor; B.E., Dalhouse University; M.B.A., St. Mary’s University.

DANA LLOYD (2009) ............. Nursing & Allied Health Sciences Instructor and Program Director, Health Information and Informatics Management Program; B.S., M.S., Southwestern Oklahoma State University.

MARC MUELLER (2012) ...................................... Music Instructor; B.M.E., South Dakota State University; M.M.E., University of Oklahoma.

JONNA L. MYERS (2014) ....................... Business Instructor; B.A., Southwestern Oklahoma State University; M.S., Arkansas Tech University.

VANESSA NIX (2017) ............................................. Kinesiology Instructor; B.S., University of Oklahoma; M.Ed., University of Central Oklahoma.

ANDY NORTH (2012) ............................................. Education Instructor; B.S., Southwestern Oklahoma State University; M.Ed., Southwestern Oklahoma State University.

DANA OLIVER (2016) ....................................... Education Instructor; B.S., M.Ed., Southwestern Oklahoma State University.
Southwestern Oklahoma State University
Graduate Catalog 2019-2020

KATHLEEN O’NEAL (2007)  Mathematics Instructor; B.S., Purdue University; M.Ed., Southwestern Oklahoma State University.


EMERITI

RADWAN AL-JARRAH (1991)  Dean College of Arts and Sciences; Professor; B.S., Baghdad University; M.S., Ph.D., Ohio State University.

PATRICIA L. ALBAUGH (1977)  Social Work Program Assistant Professor; B.A., Indiana University; M.S.W., University of Oklahoma.

FRED AL SBERG (1991)  Language and Literature Assistant Professor; B.A., Columbia College (Illinois); M.F.A., University of Arkansas.

MELODY ASHENFELTER (1987)  Business Professor; B.S., Southwestern Oklahoma State University; M.S., Oklahoma State University; Ed.D., Oklahoma State University State University.

ARDEN ASPEDON (2000)  Biological Sciences Professor; B.A., M.S.Ed., Kearney State University; Ph.D., University of Nebraska.

MARY ASPEDON (2000)  Education Bernardt Professor; B.S., M.S., University of Kansas; Ph.D., University of Nebraska.

GEORGE E. ATKINS (1967)  Computer Science Chair and Associate Professor; B.A., Hardin-Simmons University (Texas); M.S., New Mexico State University.

ALLEN A. BADGETT, JR. (1973)  Biological Sciences Associate Professor; A.B., M.S., California State University (Humboldt); Ph.D., Utah State University.

RICHARD W. BAUGHER (1976)  Engineering Technology Professor; B.A., Montclair State College (New Jersey); M.Ed., Ed.D., Texas A&M University.

MADELINE BAUGHER (1989)  Business & Computer Science Instructor; B.S., Southwestern Oklahoma State University; M.S., Texas A&M University.

BRUCE BELANGER (2010)  Education Coordinator of Field Experiences/Certification/Instructor; B.A., Oklahoma State University; M.Ed., Southwestern Oklahoma State University.

GARY L. BELL (1983)  Industrial and Engineering Technology Chair and Associate Professor; B.S., M.S., Southwestern Oklahoma State University; Ed.D., Oklahoma State University.

HELEN B. BROWN (1964)  Home Economics Associate Professor; B.S., Southwestern Oklahoma State University; M.S., University of Oklahoma.

TALBERT W. BROWN (1968)  Chemistry Professor; B.S.Ed., Southwestern Oklahoma State University; North Texas University; M.N.S., Ph.D., University of Oklahoma.

W. ROBERT BROWN (1979)  Vice President for Academic Affairs; B.S., Oklahoma Panhandle State University; M.T., East Central Oklahoma State University; Ed.D., University of Oklahoma.

A. STUART BURCHETT (1965)  Chemistry Bernardt Professor; B.S., Southwestern Oklahoma State University; Ph.D., Kansas State University.

DIANE L. BUSCH (1971)  Kinesiology Professor; B.S., Central State University, M.S., Ed.D., Oklahoma State University.


KELVIN D. CASEBEER (1967)  Mathematics Professor; B.S., M.S.; Emporia State College; Ed.D., Oklahoma State University.

MICHAEL D. CASSITY (1981)  Music Professor; B.A., Southwest Baptist University; M.M.T., Loyola University; Ph.D., University of Iowa.

CHARLES W. CHAPMAN (1962)  Music Professor; B.M.Ed., M.M.Ed., University of Oklahoma; Ph.D., University of Texas.

SARA J. CHAPMAN (1982)  Social Sciences Instructor; B.A., Arkansas College, MA, Oklahoma State University.

GERALD CHURCH (1966)  Mathematics Associate Professor; B.S., Kansas State University; M.A., Arizona State University; Ed.D., Oklahoma State University.

HAROLD D. COLE (1975)  Biological Sciences Associate Professor; B.S., East Central Oklahoma State University; Ph.D., Oklahoma State University.

VICKI CRAIG (1990)  Language and Literature Professor; B.A., Texas Wesleyan University; M.A.T., Jacksonville University; Ph.D., Florida State University.

LESLIE CRALL (1992)  School of Business and Technology Associate Dean and Bernardt Professor; B.S., M.B.A., Southwestern Oklahoma State University; JD., University of Oklahoma.

ROY D. DICK (1967)  Biological Sciences Professor; B.S., M.T., Southwestern Oklahoma State University; University of Oklahoma; Ed.D., Oklahoma State University.

VIRGINIA DICK (1968)  Home Economics Professor; B.S., M.Ed., North Texas State University; Ed.D., Oklahoma State University.

EDWARD DANIEL DILL (1968)  Associate Vice President for Academic Affairs and Graduate School Dean; Professor; B.S., Southwestern Oklahoma State University; Ph.D., University of Arkansas.

MARGARET J. DONLEY (1978)  Art
Assistant Professor; B.A., Southwestern Oklahoma State University; Florida Atlantic University; M.F.A., Instituto de Allende, Mexico.

GERARD EAST (1997) Mathematics Associate Professor; B.A., Ph.D., Tulane University.

ROGER W. EGERTON (1963) Marketing Professor; B.S., Bethany Nazarene College; M.B.Ed., University of Oklahoma, Indiana University; Ed.D., Oklahoma State University.

RAMONA JEANNE ELLINGER (1965) English Associate Professor; B.A., Southwestern Oklahoma State University; M.A., University of Oklahoma; Ph.D., Oklahoma State University.

R. PAULINE FAHLE (1968) Business Administration Associate Professor; B.S., M.S., Oklahoma State University; J.D., University of Oklahoma.

M. ELIZABETH FERRELL (1996) Finance, Management and Marketing Associate Professor; B.A., College of St. Benedict; M.B.A., Ph.D., Texas Tech University.

BESSIE E. FIEGEL (1966) Home Economics Assistant Professor; B.S., University of Science & Arts of Oklahoma; M.S., Oklahoma State University, University of Oklahoma; C.H.E.

MELVIN F. FIEGEL (1966) History Professor; B.S., M.A., Oklahoma State University; M.Ed., University of Oklahoma; Ed.D., Oklahoma State University.


HARLAN D. FRAME, JR. (1969) Chemistry Associate Professor; B.A., University of Wichita; M.S., Ph.D., University of Illinois.

LOWELL V. GADBERRY (1981) Education Professor; B.S.Ed., University of Central Arkansas; M.Ed., Henderson State University; Ed.D., George Peabody College of Vanderbilt University.

LARRY E. GEURKINK (1976) Health, Physical Education, & Recreation Instructor; B.S., Phillips University; M.T., Central State University.


LARRY B. GODLEY (1982) Education Associate Professor; B.S., Northwestern Oklahoma State University; M.S., Ed.D., Oklahoma State University.

PETER M. GRANT (1988) Dean Arts and Sciences; Bernardt Professor; B.S., Pennsylvania State University; M.S., North Texas State University; Ph.D., Florida State University.


DUWAYNE GRAYBILL (1987) Technology Assistant Professor; B.S., Southwestern Oklahoma State University; M.S., Pittsburg State University.

JAMES F. GRIFFIN (1970) Technology Professor; B.S., Fort Hays State College (Kansas); M.A., Colorado State College; Ed.D., University of Missouri.

BOBBY D. GUTTER (1967) Chemistry Professor; B.S., College of the Ozarks; M.S., Vanderbilt University; Texas Christian University; Ph.D., University of Arkansas.

DONALD I. HAMM (1951) Dean, School of Arts and Sciences; Professor; B.S., University of Oklahoma; M.S., Purdue University; Ph.D., University of Oklahoma.

OPAL R. HAMPTON-CRALL (1969) Elementary/Secondary Programs; Instructor; B.S., University of Arts and Science of Oklahoma; M.Ed., Southwestern Oklahoma State University.

VICKI J. HATTON (1988) Kinesiology Chair and Professor; B.S., M.Ed., Southwestern Oklahoma State University; Ed.D., Oklahoma State University.

WAYNE E. HAYES (1968) Mathematics Associate Professor; B.S., Southwestern Oklahoma State University; M.S., Ed.D., Oklahoma State University.


GEORGE E. HEJNA (1969) Speech Instructor; Pasadena Playhouse College of Theatre Arts; B.S., Northwestern University; M.S., University of Utah.

FAYE M. HENSEN (1975) Nursing & Allied Health Sciences Assistant Professor; B.S., Southwestern Oklahoma State University; R.R.A., Hilkrest Medical Center; M.Ed., Southwestern Oklahoma State University.

DONALD V. HERTZLER (1969) Chemistry Professor; B.S., Northwestern Oklahoma State University; M.S., Ph.D., Oklahoma State University.

LINDA HERTZLER-CRUM (1997) Language and Literature Instructor; B.A., Oklahoma State University; M.A., University of Arkansas; M.S. Iowa State University.

JOE ANNA HIBLER (1965) President B.S., Southwestern Oklahoma State University; M.S., Oklahoma State University; Ed.D., University of Oklahoma.

EUGENE E. HUGHES (1963) English Professor; B.A.Ed., Southwestern Oklahoma State University; M.A., University of Oklahoma; Ph.D., University of Missouri.

JOELLA W. HUNDLEY (1966) Office Administration/Business Education; Chair and Assistant Professor; B.S., M.S., Oklahoma State University; Western State College (Colorado), Colorado State College.

JAMES P. HUNSICKER (1979) Psychology Bernardt Professor; B.S., Bradley University; M.S., Ph.D. University of Oklahoma.

JAMES JENT (1990) Technology Associate Professor; B.S., University of Maryland; M.S., University of Arkansas; Ed.D., Oklahoma State University.

JILL T. JONES (1990) Language and Literature Chair and Bernardt Professor; B.A., Mississippi University for Women; M.A., Auburn University; Ph.D., University of Mississippi.

LEE D. JONES (1965) Geography Assistant Professor; B.A., Southeastern Oklahoma State University, University of Washington; M.A., University of Oklahoma, Colorado State College.

LES KAUER Management and Marketing Instructor; B.S., University of North Texas; M.S., Southern Nazarene University.
MICHAEL A. KERLEY (1971) ................................................................. Biological Sciences Chair and Professor; B.S., Stephen F. Austin State University; M.S., Ph.D., Texas A&M University.

CHARLES KLENSMAN (1982) .......................................................... Music Assistant Professor; B.A., M.Ed., Southwestern Oklahoma State University.

VERLIN F. KOPPER (1964) ............................................................... Mathematics Associate Professor; B.S., Southwestern Oklahoma State University; A.M., University of Missouri; Ed.D., Oklahoma State University.


ROBERT SAM LACKIE (1970) ........................................................... Language and Literature Assistant Professor; B.A., M.A., Ph.D., University of Tulsa.

CHARLOTTE N. LAM (1967) ........................................................... Elementary & Special Education; Professor; B.A., University of Oklahoma; M.T., Southeastern Oklahoma State University; Ph.D., University of Oklahoma.

ALLEN LANE (1969) ................................................................. Chemistry and Physics Professor; B.S., M.A., Ph.D., University of Texas.

R. P. LANG (1970) ................................................................. Art Chair and Assistant Professor; B.F.A., M.A., University of Tulsa; Ph.D., University of Oklahoma.

LESLIE M. LEVY (1971) ................................................................. Psychology Chair and Professor; B.S., University of Houston; M.S., Ph.D., University of Oklahoma.

JOHN LOFTIN (1982) ................................................................. Health, Physical Education & Recreation; Instructor; B.S., West Texas State University; M.Ed., Southwestern Oklahoma State University.

W. JOE LONDON (1994) ................................................................. Art Instructor; B.A., M.Ed., Southwestern Oklahoma State University.

JAMES LONG (1992) ................................................................. Business & Computer Science Instructor; B.S., University of Maryland; M.B.A., University of Utah; M.P.A., University of Oklahoma.

JOHN A. LUDNER (1967) ................................................................. Education Bernardt Professor; B.S.Ed., M.T., Southwestern Oklahoma State University; Ed.D., University of Oklahoma.

MARK LUIPPKIN (2008) ................................................................. Business & Computer Science Instructor; B.S., M.S., Southwestern Oklahoma State University.

JOSEPH D. MANESS (1979) ................................................................. Biological Sciences Associate Professor and Chair; B.A., Austin College; M.S., Stephen F. Austin State University; Ph.D., University of Arkansas.

HELEN MAXSON (1989) ................................................................. Language and Literature Professor; B.A., M.A., Middlebury College; M.A., Ph.D., Cornell University.

RALPH D. MAY (1970) ................................................................. Social Sciences Professor, B.S.S., M.S., University of Arkansas; Ph.D., Purdue University.

JOHN W. McCLOY (1970) ................................................................. English Assistant Professor; B.A.Ed., Oklahoma Panhandle State University; University of Oklahoma; M.Ed., Central State University, Oklahoma State University.

NANCY J. MCCLAIN (1982) ..................................................... Interdisciplinary Studies Director of General Education; Professor; B.S., Utah State University; M.A., Michigan State University; Ph.D., University of Missouri-Columbia; GCFS.

LARRY MECKE (1998) ............................................................. School of Business & Technology Associate Dean and Associate Professor; B.S., Southwestern Oklahoma State University; M.A., University of Oklahoma; D.P.A., Nova Southeastern of Fort Lauderdale.

RAYMOND L. MCKEEL (1959) ............................................................. Mathematics Chair; Professor; B.S., Southwestern Oklahoma State University; M.S.Ed., M.A. Mathematics; Ed.D., Oklahoma State University.

VERDA C. MCKEEL (1966) .................................................. Accounting Professor; B.S., Southwestern Oklahoma State University; M.S., Oklahoma State University; Ed.D., University of Oklahoma.

DENNIS A. MESSMER (1968) ........................................ Nursing & Allied Health Sciences Professor; B.S., M.S., South Dakota State University; Ph.D., Kansas State University.

KEREN P. MILLER (1966) ................................................... Home Economics Associate Professor; B.S., M.T., Southwestern Oklahoma State University; Ed.D., Oklahoma State University; C.H.E.

DONALD L. MITCHELL (1967) .................................................. Technology Chair and Professor; B.S., M.T., Southwestern Oklahoma State University; Ed.D., Oklahoma State University.

ROBIN N. MONTGOMERY (1969) ................................................ Social Sciences Professor; B.A., University of Texas; B.S., M.A., University of Oklahoma; M.A., Ph.D., University of Georgia.

MARK MULLIN (2008) ................................................................. Social Sciences Associate Professor; B.S., M.S., Southeastern Oklahoma State University; Ed.D., University of Texas.

GREGORY P. MOSS (1995) ................................................................. Dean School of Education; Associate Professor; B.S.Ed., M.T., Southwestern Oklahoma State University.

LINVILLE MURDOCK (1967) ..................................................... Health, PE, & Recreation Assistant Professor; B.S.Ed., M.T., Southwestern Oklahoma State University.

HARRY E. NOWKA (1963) ................................................................. Social Sciences Professor; B.A., Southwestern Oklahoma State University; M.A., University of Kansas; M.A., University of Oklahoma; Ed.D., University of Oklahoma.

BARBARA PATTERTSON (2018) Nursing and Allied Health Sciences Associate Dean, B.S.N., Southwestern Oklahoma State University; M.S. of University of Oklahoma Health Sciences Center; Ed.D., University of Arkansas.

CLARENCE L. PETROWSKY (1963) ............................................................. Social Sciences Chair and Professor; B.A., Washburn University of Topeka; M.A., Ph.D., University of Oklahoma.

VILAS PRAHUB (1980) ................................................................. Pharmacy Associate Provost for Academic and Student Affairs; Bernardt Professor; B.S., University of Bombay; M.S., Idaho State University; M.B.A., Southwestern Oklahoma State University; Ph.D., University of Texas (Austin).

NANCY BUDDY PENNER (1985) .................................................. Business Professor; B.S., M.B.A., Southwestern Oklahoma State University, Ph.D., University of North Texas.
PATRICIA L. PERKINS (1985) ........................................................ Education
Instructor; B.A., M.Ed., Northwestern Oklahoma State University.

MARION L. PRICHARD (1975)_________ Nursing & Allied Health Sciences
Associate Dean; Assistant Professor; B.S., Southwestern Oklahoma State
University; R.R.A., Hillcrest Medical Center; M.Ed., Southwestern Oklahoma State University.

JUDITH A. (WINCHESTER) RAY (1979) .......... Elementary/Secondary
Professor; B.S., M.S., Ed.D., Oklahoma State University.

ROBERT R. LEDGERWOOD (1982) ............. Business Administration
Instructor; B.S., M.Ed., University of Nebraska; M.B.A., Ph.D., University of Arizona.

RAY READ (2005) .................................................. Education
Associate Professor; B.S.; M.A. Western Kentucky State University;
Post Doctoral, University of Kentucky.

VALERIE REIMERS (1995)...................... Language and Literature
Professor; B.A., Southwestern Oklahoma State University; M.A.,
University of Central Oklahoma; Ph.D., State University of New York,
Stony Brook.

STANLEY L. ROBERTSON (1990) ............. Chemistry and Physics
Instructor; B.A., M.M., Southwestern Oklahoma State University.

WILLIAM E. ROJILSON (1966) ................ Social Sciences
Professor; B.A., M.Ed., Southwestern Oklahoma State University;
University of Oklahoma; M.A., Ph.D., University of Missouri.

KEN G. ROSE (1974) ......................................... Dean
College of Professional and Graduate Studies; Professor; B.S.Ed.,
M.Ed., Southwestern Oklahoma State University; Ed.D., University of Oklahoma.

IRENE C. ROWE (1968) ....................... English
Assistant Professor; B.A., Southwestern Oklahoma State University;
Colorado State University; M.A., University of Missouri.

RANLD K. RUSSELL (1973) ..................... Business
Administration, Professor; B.A., M.A., North Texas State University;
Ph.D., Oklahoma State University.

LERoy SCHULTZ, JR. (1969) ................. Art
Professor; B.A., M.T., Central Oklahoma State University;
University of Oklahoma; Oklahoma City University.

CECIL R. SCOTT (1981) ....................... Psychology
Professor; B.A., Henderson State University; M.A., Ph.D., University of Arkansas.

JANALOU SCOTT (1966) ....................... Elementary/Secondary
Professor; B.S.Ed., M.T., Southwestern Oklahoma State University;
Ed.D., Oklahoma State University.

RONALD H. SEGAL (1967) ..................... Biological Sciences
Professor; A.B., University of California at Los Angeles; M.A., Ph.D.,
University of Kansas.

TERRY SEGREGS (1971) ......................... Music
Bernhardt Professor; B.M., Oklahoma City University; M.M., Ph.D.,
University of North Texas.

ETHEL M. SIMPSON (2001) ...................... Finance, Management and Marketing
Assistant Professor; B.S., M.S., Ph.D., University of Oklahoma.

ANN L. SMITH (1966) ......................... Foreign Language
Associate Professor; B.A., Sam Houston State Teachers College (Texas);
M.A., Ph.D., University of Oklahoma.

JACK E. SMITH (1990) ......................... School Service
Programs; Assistant Professor; B.A., M.Ed., Northwestern State University (Louisiana); Ed.D., University of Arkansas

KENNETH J. SNYDER (1972) ...................... Music
Associate Professor; B.A., Indiana State University (Pennsylvania);
M.A., Western State University (Colorado); D.M.A., University of Colorado.

BLAKE I. SONOBE (1990) ..................... Provost
Professor; B.S., United States Air Force Academy; M.S., Texas A&M
University; Ph.D., University of California, Davis.

JANIS SOUTH (2005) ......................... Music
Instructor, B.A., M.M., Southwestern Oklahoma State University.

JONATHAN SPARKS (2007) .................... Library
Director; M.L.S., George Peabody College of Vanderbilt University;
Ed.S., Ph.D., Nova Southeastern University.

WANDA STIMSON (1983) ....................... Elementary & Special Education
Associate Professor; B.S., Kent State University; M.Ed., Ph.D., North Texas State University

G.B. STOTTS (1968) ....................... Industrial Education
and Technology; Assistant Professor; B.S., East Central Oklahoma
State University; M.S., Oklahoma State University.

MONA JEAN SUTER (1968) .................... Language Arts
Professor; B.A., M.T., Southwestern Oklahoma State University;
University of Oklahoma; Oklahoma State University.

KAREN TRAVIS (1996) ....................... Education
Chair; Associate Professor; B.S., M.Ed., Southwestern Oklahoma State University; Ed.D., Oklahoma State University.

C. DEAN WHEELER (1982) ..................... Computer Science
Professor; B.S., Southwestern Oklahoma State University;
M.S., University of New Mexico; University of California; Ed.D., University of Oklahoma.
W. MICHAEL WHEELER (1989) ........................................... Social Sciences
Associate Professor; B.A., University of Toledo; M.A., Ph.D., University of North Carolina.

Instructor; B.Ed., M.Ed., Southwestern Oklahoma State University.

DELENA L. WILLIAMS (1966) ...................................... Speech
Assistant Professor; B.A., M.A., Midwestern University (Texas), North Texas State University; Columbia University; University of Oklahoma.

W. DAN WILLIAMS (1969) ......................................................... Mathematics
Assistant Professor; B.S., Northeastern Oklahoma State University; M.A., University of Arkansas; University of Montana; University of Oklahoma.

DONALD R. WILSON (1982) ........................................... Education
Professor; B.S., University of Arizona; M.A., Northern Arizona University; Ph.D., University of Arizona.

RICHARD D. WILSON (1970) ........................................... Journalism
Instructor; B.S., M.S., Oklahoma State University.

JOHN M. WOODS (1988) ........................................... Mathematics
Chair and Professor; B.S., Oklahoma State University; M.A.T., Harvard University; Ph.D., Florida State University.

PAULETTE WOODS (1993) ........................................... Dean of Students
B.S., Oklahoma State University; M.S., University of Illinois; M.S.Ed., University of Wisconsin-River Falls; Ph.D., University of Minnesota.

E. T. WOODY, JR. (1958) ........................................... Secondary Education
Professor; B.S., Southwestern Oklahoma State University; M.S., Kansas State Teachers College; University of Kansas City; Ed.D., University of Northern Colorado.

DAVID E. WRIGHT, JR. (1973) ........................................... Social Sciences
Assistant Professor; B.S., M.S., Texas A&M University, Mississippi State University.

ERNESTINE H. WRIGHT (1968) ........................................... Health and Physical Education; Assistant Professor; B.S., M.T., Southwestern Oklahoma State University; Oklahoma State University.