GRADUATE CATALOG
2021-22

Southwestern Oklahoma State University
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Weatherford, Oklahoma
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http://www.swosu.edu

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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 Web site: **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.

Directory of Graduate Programs and Contact Persons

Program	Coordinator	Office	Telephone	Email
Art	Ms. Glenda Ross	ART 421	(580) 774-7112	glenda.ross@swosu.edu
Biomedical Sciences & Microbiology	Dr. Rickey Cothran	SCI 214	(580) 774-3096	rickey.cothran@swosu.edu
Business Administration	Ms. Jonna Myers	STF 354	(580) 774-7186	jonna.myers@swosu.edu
Classroom Teaching	Mr. Ed Klein	EDU 102	(580) 774-3196	ed.klein@swosu.edu
Community Counseling	Dr. Amy Barnett	HEC 122	(580) 774-3154	amy.barnett@swosu.edu
Early Childhood Education	Ms. Marla Pankratz	EDU 120C	(580) 774-3277	marla.pankratz@swosu.edu
Educational Administration	Mr. Andy North	EDU 200	(580) 774-3158	andy.north@swosu.edu
Elementary Education	Mr. Ed Klein	EDU 102	(580) 774-3143	ed.klein@swosu.edu
Health and Physical Education	Mr. Bo Pagliasotti	HPE 10	(580) 774-7089	bo.pagliasotti@swosu.edu
Health Information Management	Ms. Dana Lloyd	SCI202B	(580) 774-7149	dana.lloyd@swosu.edu
Instructional Coaching	Mr. Ed Klein	EDU 102	(580) 774-3196	ed.klein@swosu.edu
Licensed Professional Counselor	Dr. Amy Barnett	HEC 122	(580) 774-3154	amy.barnett@swosu.edu
Management	Ms. Jonna Myers	STF 354	(580) 774-7186	jonna.myers@swosu.edu
Mathematics	Dr. Tom McNamara	CAM 309F	(580) 774-3058	thomas.mcnamara@swosu.edu
Music	Dr. Richard Tirk	BM H105	(580) 774-3772	richard.tirk@swosu.edu
Natural Sciences	Dr. Lisa Boggs	SCI 307A	(580) 774-3090	lisa.boggs@swosu.edu
Nursing	Dr. Angela Gore	PAR 124A	(580) 774-3178	angela.gore@swosu.edu
Parks and Recreation Management	Mr. Ryan Haggard	EDU 121	(580) 774-7191	ryan.haggard@swosu.edu
Reading Specialist	Mr. Dana Oliver	EDU 118B	(580) 774-3276	dana.oliver@.swosu.edu
School Counseling	Ms. Dawn Keller	HEC 120	(580) 774-3033	dawn.keller@swosu.edu
School Psychology	Dr. Robin Sobansky	HEC 200	(580) 774-3722	robin.sobansky@swosu.edu
School Psychometry	Dr. Amy Barnett	HEC 122	(580) 774-3154	amy.barnett@swosu.edu
Social Sciences	Dr. Becky Bruce	SCI 201A	(580) 774-7134	becky.bruce@swosu.edu
Special Education	Mr. Ed Klein	EDU 102	(580) 774-3196	ed.klein@swosu.edu
Sports Management	Mr. Bo Pagliasotti	HPE 40	(580) 774-7089	bo.pagliasotti@swosu.edu

University and Program Accreditations

ACCREDITING ORGANIZATION	*PHONE /FAX /WEB /E-MAIL*	*ADDRESS*
ACCREDITATION COMMISSION FOR EDUCATION IN NURSING, INC.	phone: (404) 975-5000 FAX: (404) 975-5020 web: ACEN homepage	3390 Peachtree Road NE, Suite 1400 Atlanta, Georgia 30326
ACCREDITATION COUNCIL FOR BUSINESS SCHOOLS AND PROGRAMS	phone: (913)339-9356 web: ACBSP homepage	11520 West 119th Street Overland Park, Kansas 66213
ACCREDITATION COUNCIL FOR PHARMACY EDUCATION	phone: (312) 664-3575 FAX: (312) 664-4652	20 North Clark Street, Suite 2500 Chicago, Illinois 60602-5109
ACCREDITATION COUNCIL FOR OCCUPATIONAL THERAPY EDUCATION	phone: (301) 652-2682 FAX: (301) 652-7711 email: ACOTE homepage	P.O. Box 31220 Bethesda, Maryland 20824-1220
ACCREDITING BUREAU OF HEALTH EDUCATION SCHOOLS	phone: (703) 917-9503 email: ABHES homepage	7777 Leesburg Pike, Suite 730 Falls Church, Virginia 22043
AMERICAN CHEMICAL SOCIETY COMMITTEE ON PROFESSIONAL TRAINING	phone: (202) 872-4589 FAX: (202) 872-6066 web: ACS homepage email: cpt@acs.org	1155 16th Street, N.W. Washington, D.C. 20036
AMERICAN MUSIC THERAPY ASSOCIATION, INC.	phone: (301) 589-3300 FAX: (301) 589-5175 web: AMTA homepage email: amta@musictherapy.org	8455 Colesville Road Suite 1000 Silver Spring, Maryland 20910
ASSOCIATION OF TECHNOLOGY, MANAGEMENT AND APPLIED ENGINEERING (ATMAE)	phone: (630) 433-4514 FAX: (630) 563-9181 web: ATMAE homepage email: atmae@atmae.org	275 N. York Street, Suite 401 Elmhurst, Illinois 60126
COMMISSION ON ACCREDITATION FOR HEALTH INFORMATICS AND INFORMATION MANAGEMENT EDUCATION (CAHIIM)	phone: (312) 233-1183 FAX: (312) 553-9616 web: CAHIIM homepage	233 North Michigan Avenue Chicago, Illinois 60601-2208
COMMISSION ON ACCREDITATION IN PHYSICAL THERAPY EDUCATION	phone: (703) 684-APTA (2782) FAX: (703) 684-7343 web: APTA homepage	1111 North Fairfax Street Alexandria, Virginia 22314
COUNCIL FOR THE ACCREDITATION OF EDUCATOR PREPARATION	phone: (202) 223-0077 web: CAEP homepage	1140 19th Street, N.W. Suite 400 Washington, D.C. 20036
ENGINEERING TECHNOLOGY ACCREDITATION COMMISSION (ETAC) OF THE ACCREDITATION BOARD FOR ENGINEERING AND TECHNOLOGY (ABET)	phone: (410) 347-7700 FAX: (410) 625-2238 web: ABET homepage	415 North Charles Street Baltimore, Maryland 21201
HIGHER LEARNING COMMISSION NORTH CENTRAL ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS (NCA)	phone: (800) 621-7440 FAX: (312) 263-7462	230 South LaSalle Street, Suite 7-500 Chicago, Illinois 60604
JOINT REVIEW COMMITTEE ON EDUCATION IN RADIOLOGIC TECHNOLOGY (JRCERT)	phone: (312) 704-5300 FAX: (312) 704-5304	20 North Wacker Drive, Suite 900 Chicago, Illinois 60606-2901
NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC	phone: (703) 437-0700 FAX: (703) 437-6312 web: NASM homepage email: info@arts-accredit.org	11250 Roger Bacon Drive, Suite 21 Reston, Virginia 20190
OKLAHOMA BOARD OF NURSING	phone: (405) 962-1800 FAX: (405) 962-1821 web: OBN homepage	2915 N. Classen Boulevard, Suite 524 Oklahoma City, Oklahoma 73106
OKLAHOMA COMMISSION FOR TEACHER PREPARATION (OCTP)	phone: (405) 525-2612 FAX: (405) 525-0373 web: OCTP homepage email: octp@octp.org	4545 N. Lincoln Blvd., Suite 275 Oklahoma City, Oklahoma 73105-3418
OKLAHOMA COUNCIL ON LAW ENFORCEMENT, EDUCATION AND TRAINING	phone: (405) 239-5100 FAX: (580) 310-9143 web: http://www.ok.gov/cleet/	2401 Egypt Road Ada, Oklahoma 74820-0669
OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION	phone: (405) 225-9100 FAX: (405) 225-9235 web: OSRHE homepage	655 Research Parkway, Suite 200 Oklahoma City, Oklahoma 73104

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 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

Diana Lovell; B.A., M.A., Ph.D. ..... President
Joel Kendall; B.A., M.A., Ph.D. ..... 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
Garrett King; B.A., M.Ed. ..... Assistant Vice President for Institutional Advancement

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; A.S, B.S., M.Ed. ..... Dean, College of Associate and Applied Programs - Sayre Campus

Administrative and Professional Staff

Todd Boyd; B.S., M.Ed. ..... Director of Enrollment Management
Kendra Brown; A.A.S., B.A., M.A. ..... Director of Public Safety
Steve Johnson; B.S., M.B.A. ..... Director of Business Services/Comptroller
Jason Dupree; B.F.A., M.L.I.S ..... Director of Libraries
Susan Ellis; B.S., M.Ed. ..... Director of Counseling Services
Joshua Engle; B.S., M.S. ..... Dean of Students
Lisa Friesen; B.A., M.Ed. ..... Director for Excellence in Teaching & Learning
Lori Gwyn; B.S., M.S., Ph.D ..... Director, Office of Sponsored Programs
Todd Helton; B.S., M.Ed.. ..... Director of Athletics
Kandy House, B.S. ..... Manager of University Press
Jan Kliewer; A.A.S., B.S., M.Ed. ..... Director of Assessment/Testing
Chad Martin; B.A., M.Ed. ..... Director of Residence Life
Susan McElhaney; B.A., M.Ed. ..... Web Designer/Web & Creative Services
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. ..... Director of Physical Plant
Kirby Hood; B.S.N., R.N. ..... Director of Health Services
Dian Ray; B.S., M.S.. ..... Director of Information Technology Services
Jackie Reagan; B.S. ..... Director of Student Center
Sonja Roper; B.S., MA ..... Director of International Student Affairs
Kaylee Wendt; B.B.A. ..... Interim Bursar
Jerome Wichert; B.A., M.A. ..... Director of Student Financial 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

Dept. of Biological Sciences	Dr. Rickey Cothran, Chair	SCI 214
Dept. of Chemistry and Physics	Dr. Tim Hubin, Chair	CPP 202-A
Dept. of Art, Communication and Theatre	Dr. Lisa Boyles, Chair	ART 222
Dept. of Language and Literature	Dr. Denise Landrum-Geyer, Chair	CAM 201-A
Dept. of Mathematics	Dr. Thomas McNamara, Chair	CAM 302
Dept. of Music	Dr. Shelley Martinson, Chair	FAC 100
Dept. of Social Sciences	Dr. Becky Bruce, Chair	SCI 201-A

College of Professional and Graduate Studies

Dr. Chad Kinder, Dean
EDU 104

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

College of Pharmacy

Dr. David Ralph, Dean
CPP 301-C

Associate Dean	Dr. Les Ramos	CPP 303-A
Pharmaceutical Sciences	Dr. Tami Moser, Chair	WSB 108-D
Pharmacy Practice	Dr. Nancy Williams, Chair	Pasteur Bldg OKC

Graduate Council

Dr. Chad Kinder (Chair)

MEMBER	COLLEGE
Dr. Randy Barnett	College of Professional and Graduate Studies
Dr. Patsy Parker	College of Professional and Graduate Studies
Mr. Ed Klein	College of Professional and Graduate Studies
Dr. Amy Barnett	College of Professional and Graduate Studies
Dr. Richard Tirk	College of Arts and Sciences
Dr. Robin Sobansky	College of Professional and Graduate Studies
Mr. Bo Pagliasotti	College of Professional and Graduate Studies
Dr. Angela Gore	College of Professional and Graduate Studies
Graduate Student Representatives (2)	

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).

Graduate School Tuition*	Resident*	Non-Resident* **
5000 level courses	$290.00 per credit hour	$560.00 per credit hour
Nursing, MSN	$340.00 per credit hour	$610.00 per credit hour
Pharm. D.	$660.50 per credit hour	$1,086.50 per credit hour

*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
(ARTM.MED)

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: (26-27 hours)
ART 5113 Watercolor Studio*
ART 5253 Applied Design
ART 5313 Painting Studio*
ART 5333 Studio Drawing*
ART 5353 Clay Studio*
ART 5363 Modern Art History
ART 5383 Mixed Media
ART 5393 Art History Since 1945
ART 5452 Content, Methods and Materials in Elementary School Art
ART 5483 Printmaking Studio*
ART 5513 Intermediate Graphic Design I
ART 5553 Teachers' Course in Art
ART 5753 Life Drawing*

*Denotes studio courses repeatable twice for credit to fulfill requirements

IV. Capstone Experience
EDUC 5651 Graduate Capstone Experience Graduate Exhibit/Portfolio

TOTAL HOURS 33-34

BIOMEDICAL SCIENCE & MICROBIOLOGY -
Master of Education in Education
(BIOMM.MED)

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

III. Required courses (Choose 20-23 hours from the list below):
Note: 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 5154 Developmental Biology
BIOL 5213 Immunology
BIOL 5284 Parasitology
BIOL 5343 Applied Microbiology
BIOL 5404 Pathogenic Microbiology
BIOL 5463 Virology
BIOL 5503 Microbial Physiology
BIOL 5523 Environmental Microbiology
BIOL 5703 Infectious Disease Epidemiology
BIOL 5843 Evolution
BIOL 5864 Human Genetics
BIOL 5914 General and Comparative Physiology
BIOL 5935 Cell and Molecular Biology
BIOL 5944 Neuroscience
CHEM 5124 Biochemistry
CHEM 5673 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)

The Master of Business Administration degree is accredited by the Accreditation Council for Business Schools and Programs. It is designed for those who:

- desire an immediate continuation of an advanced program in business commensurate with their career objectives,
- desire to update 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. 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 $49.00; 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.
    - Students must pay for all costs for the Academic Leveling Course (currently $400). College credit will not be given for this course.
    - 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.
    - 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.
    - The cost per learning module is $49.
    - The learning module is designed to be a primer for students in a specific subject area. No college credit will be given.

6. After application and satisfactory completion of the MBA Inbound CPC exam or the **Masters Academic Leveling Course**, students will work with the Dobson School of Business and Technology Director of Graduate Programs to complete a tentative **Plan of Study**.

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).
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 capstone course in the 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	5223	Computerized Accounting
ACCTG	5333	Internship in Accounting
COMSC	5043	Geographic Information Systems
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)
FINAN	5333	Internship in Finance
MNGMT	5003	Individual Study in Management (Topic)
MNGMT	5013	Seminar in Management (Topic)
MNGMT	5113	Gender Issues in HR Management and Development
MNGMT	5153	Managerial Ethics
MNGMT	5163	Managerial Leadership
MNGMT	5183	Sales Skills & Management
MNGMT	5233	Entrepreneurship & New Venture
MNGMT	5323	Project Management
MNGMT	5333	Internship in Management

MNGMT	5633	International Management

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	5333	Internship in Marketing

CLASSROOM TEACHING -
Master of Education in Education
(CLTCM.MED)

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	5653	Educational Psychology
LIBED	5423	Media and Technology

II. Required Coursework (22 hours)

SPCED	5213	Intro to Mild/Moderate Disabilities
SECED	5613	Educational Tests and Measures
SECED	5833	Principles of Teaching Elementary
EDUC	5321	Multi-Cultural/ Special Populations
EDUC	5021	Contemporary Issues in Education
EDUC	5041	Classroom Management
EDUC	5665	Student Teaching
EDUC	5765	Student Teaching

III. Capstone Experience

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

TOTAL HOURS 34

COMMUNITY COUNSELING - Master of Science
(CCNSM.MS)

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: **GPA x 100 + 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 graduatestudies@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.)

TOTAL HOURS 33

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)

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. 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

III. Capstone Experience

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

TOTAL HOURS 32

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)

NOTES:

1. 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.

TOTAL HOURS 33

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; and/or Oklahoma Subject Area Test 148 Superintendent.
- 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)

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. 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)

TOTAL HOURS 32

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)

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.

HEALTH INFORMATION MANAGEMENT - Master of Science

(HIIM.MS)

ADMISSION REQUIREMENTS

1. Bachelor's degree from a college or university accredited by a regional accrediting association is required.
2. A **University Application for Admission or Readmission** should be completed and sent to the Registrar's Office.
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.
4. A graduate GPA of 3.0 or higher on a 4.0 scale
5. 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).
6. 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 (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

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I. Core Courses - Required for completion of the MHIIM Program (36 hours)

HIM	5213	Healthcare Information Management
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	5283	Healthcare Decision Support Systems
HIM	5323	Enterprise Information Management & Governance
HIM	5333	Healthcare Strategic Planning
HIM	5293	Healthcare Professional Leadership
HIM	5313	Healthcare Revenue Management
HIM	5363	Capstone Project I
HIM	5373	Capstone Project II

TOTAL HOURS 36

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)

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)

TOTAL HOURS 32

LICENSED PROFESSIONAL COUNSELOR (LPC)
Curriculum Program
(CCNSMLPC.MS)

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)

COUN	5423	Multicultural Concepts
COUN	5523	Career Counseling
EDPSY	5223	Techniques of Psychotherapy
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 (12 hours)

EDPSY	5703	Behavioral Intervention Strategies
EDPSY	5723	Advanced Psychology of Learning
EDPSY	5133	Crisis Intervention Techniques
EDPSY	5233	Advanced Psychology of Sports
EDPSY	5613	Clinical Supervision
EDPSY	5723	Media and Mental Illness

(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)

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 MS students must complete a 21-hour required core with an additional 3 hours of Management electives (not taken at undergraduate level) as described below and a combination of 9 hours of guided electives in chosen discipline(s).

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 and Organizational Behavior
MNGMT	5923	Business Strategy and 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 the Dobson SBT Director of Graduate Programs and the student. Discipline prerequisite coursework may be required depending on the graduate elective.*

A. ACCOUNTING

ACCTG	5003	Individual Study in Accounting (Topic)
ACCTG	5013	Seminar in Accounting (Topic)
ACCTG	5223	Computerized Accounting*
ACCTG	5333	Internship in Accounting
ACCTG	5633	Financial Accounting for Decision Making

B. COMPUTER SCIENCE

COMSC	5513	Business Intelligence

C. ENTREPRENEURSHIP

ENTRP	5013	Seminar in Entrepreneurship
ENTRP	5233	Leadership and Gender

D. FINANCE

FINAN	5003	Individual Study in Finance (Topic)
FINAN	5013	Seminar in Finance (Topic)
FINAN	5263	Advanced Financial Management*
FINAN	5333	Internship in Finance

E. HEALTHCARE INFORMATICS

HIM	5223	Advanced Electronic Health Records (w/ lab)*
HIM	5233	Corporate Compliance & Quality Data Management in Healthcare
HIM	5243	Healthcare Informatics Research Methods
HIM	5253	Legal & Privacy Issues in Healthcare Informatics
HIM	5263	Healthcare Vocabularies & Clinical Terminologies
HIM	5273	Data Integrity, Data Mining, & Healthcare Care Warehousing

F. MANAGEMENT

MNGMT	5003	Individual Study in Management (Topic)
MNGMT	5013	Seminar in Management (Topic)
MNGMT	5113	Gender Issues in HR Management & Development
MNGMT	5183	Sales Skills & Management
MNGMT	5233	Entrepreneurship & New Venture
MNGMT	5323	Project Management
MNGMT	5333	Internship in Management
MNGMT	5633	International Management
MNGMT	5643	Advanced Quantitative Methods/POM

G. 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	5333	Internship in Marketing

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)

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 Mathematics Courses for Secondary Teachers

MATH	5011-4	Seminar in Mathematics (Topic)
MATH	5113	Foundations in Mathematics
MATH	5153	History of Mathematics
MATH	5453	Mathematical Statistics
MATH	5473	Introduction to Probability
MATH	5533	Technology and Programming in Math
MATH	5673	Elementary Number Theory
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 course work 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)

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	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 (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)

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	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

A. Music Theory (4 hours)

MUSIC	5102	Forms and Analysis
MUSIC	5132	Music Theory Survey

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

C. Instrumental Ensemble (1-2 hours)

D. Electives (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.

E. MUSIC 5100 Final Comprehensive Examination.

F. MUSIC 5122 Thesis (2 hours)

MUSIC PERFORMANCE - Master of Music
(MUPER.MM)

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 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 (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
(MUMTM.MM)

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 (13 hours)

Required Courses (7 hours)

MUSIC	5283	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)

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: Students must select a program to include 16 hours of 5000-level 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
Nursing Education

ADMISSION REQUIREMENTS

1. Bachelor's degree or diploma from an accredited nursing program 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.

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

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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)

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

A. Required PRM Core (5 hours)

PRM	5103	Internship in Parks and Recreation Management
PRM	5902	Directed Readings in Parks and Recreation Management

B. PRM Electives (18 hours)

NRM	5001-4	Grad Independent Study in Nat Res Mgmt
NRM	5011-4	Grad Seminar in Natural Resource Mgmt
NRM	5162	Mountain Resource Management
NRM	5172	Natural Resource Law
NRM	5192	Bird ID for Wildlife Managers
NRM	5201	The Park Ranger
NRM	5211	Game & Fish Law
NRM	5773	Natural Resource Management
NRM	5782	Resource Interpretation
NRM	5792	Land Use Planning
NRM	5802	Wildland Fire Ecology
NRM	5812	Wildlife Management
NRM	5832	Wildlife Habitat Management
PRM	5001-4	Grad Independent Study in PRM
PRM	5011-4	Grad Seminar in PRM
PRM	5123	Risk Management in Recreation
PRM	5132	Wilderness Survival
PRM	5143	Emergency Response
PRM	5163	Community Recreation
PRM	5221	Outdoor Education/Adventure Program
PRM	5321	Small Craft Safety
PRM	5343	Intro to Criminal Investigations
PRM	5404	Legal Issues
PRM	5421	Ropes Course Facilitation
PRM	5452	Advanced Ropes
PRM	5553	Backpacking

PRM	5641	Terrorism (law enforcement & military only)
PRM	5663	Recreation Management
PRM	5673	Outdoor Recreation
PRM	5702	Recreational Areas & Facilities Mgmt
PRM	5722	Alpine Adventure Education
PRM	5732	Advanced Alpine Adventure Education
PSYCH	5233	Advanced Psychology of Sports
PSYCH	5243	Practical Policy Psychology
SPRTM	5503	Advanced Sports Management

C. 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)

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. Candidates holding a secondary education degree and/or seeking an alternative certification in the areas listed above may require up to an additional three to six hours of graduate reading courses before beginning Reading Specialization Core courses. The three to six hours may include a combination of the following courses: RDNG5123 Teaching Reading I, RDNG 5143 Diagnostic Practices in Teaching Reading, RDNG5132 Teaching Reading II.

I. Required Courses (9 Hours Required)

SECED	5833	Teaching in the Secondary School
EDUC	5113	Introduction to Research
EDPSY	5723	Advanced Psychology of Learning

II. Reading Specialization Core (21 Hours Required)

RDNG	5183	Analysis of Reading Systems
RDNG	5413	Foundations of Reading
RDNG	5463	Org. and Supervision of Reading Instruction
RDNG	5423	Diagnosis/Remediation of Reading I
RDNG	5433	Diagnosis/Remediation of Reading II
RDNG	5443	Practicum in Reading
RDNG	5453	Practicum in Reading

III. Capstone Experience

RDNG 5953 Reading Capstone Experience (must be completed during the final semester)

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

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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
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.

SCHOOL COUNSELING - Master of Education
(SCCNS.MED)

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: **GPA x 100 + 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 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.

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)

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: **GPA x 100 + 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 - 33Hours**

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)

I. Prerequisites: Completion of 24 undergraduate semester hours in courses in one of the Social Sciences fields below. **This degree is not offered online.**

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.

A. Criminal Justice

CRMJS	5163	Sociology of Deviant & Criminal Behavior
CRMJS	5243	Comparative Criminal Justice System
CRMJS	5353	The Criminal Mind
CRMJS	5523	Criminology
CRMJS	5803	Privatization of Criminal Justice
CRMJS	5012	Seminar in Criminal Justice
CRMJS	5013	Seminar in Criminal Justice
CRMJS	5103	Juvenile Justice
CRMJS	5143	Critical Issues in Criminal Justice
CRMJS	5153	U.S. Corrections
CRMJS	5333	Victimology
CRMJS	5903	Directed Readings in Criminal Justice

B. Economics

ECONO	5653	Advanced Managerial Economics
ECONO	5763	Advanced Business Statistics

C. History

HIST	5043	Early Modern Europe
HIST	5063	History of Ireland
HIST	5083	Nationalism and Ethnicity
HIST	5103	Medieval England
HIST	5113	Tudor England
HIST	5173	History of Ideas
HIST	5193	The European Union
HIST	5203	History of Germany, 9 A.D. - 1989
HIST	5303	History of Imperial Russia
HIST	5403	Modern France
HIST	5503	Early Christian Thought
HIST	5603	20th Century World History

HIST	5011-4	Seminar in History
HIST	5023	Colonial America: 1492-1765
HIST	5033	Revolutionary America: 1765-1808
HIST	5043	New Nation and Age of Jackson: 1808-1850
HIST	5053	Civil War and Reconstruction: 1850-1877
HIST	5073	20th Century America: 1915-1950
HIST	5093	Historiography
HIST	5123	America in the 1950s and 1960s
HIST	5133	Women in American History
HIST	5153	World War I
HIST	5163	Gilded Age/Progressive Era
HIST	5183	America Since 1970
HIST	5703	Old South
HIST	5213	New South
HIST	5293	Historical Research and Writing
HIST	5313	American West
HIST	5323	World War II
HIST	5353	History of Oklahoma
HIST	5413	American Indians
HIST	5503	American Diplomatic History
HIST	5901-4	Directed Readings in History

D. Political Science

POLSC	5003	Federal Constitution
POLSC	5013	Seminar in Political Science
POLSC	5033	Political Parties
POLSC	5113	Political Theory
POLSC	5163	Principles of International Relations
POLSC	5233	Urban Politics and Election System
POLSC	5253	International Law
POLSC	5303	International Organizations
POLSC	5323	Legislative-Executive Relations
POLSC	5343	Women and Politics
POLSC	5353	Model United Nations I
POLSC	5363	Public Administration Theory and Practice
POLSC	5373	Model United Nations II
POLSC	5403	Public Policy Formation
POLSC	5613	Civil Rights and Liberties
POLSC	5903	Directed Reading in Political Science

E. Sociology

SOCIO	5013	Seminar in Sociology
SOCIO	5033	Advanced Analysis of Social Problems
SOCIO	5043	Racial and Cultural Minorities
SOCIO	5163	Sociology of Deviant and Criminal Behavior

F. Social Sciences

SOCSC	5133	Teachers Course in the Social Sciences
SOCSC	5853	Statistics for the Social Sciences
SOCSC	5863	Fundamentals of Research

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)

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. 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
SPCED	5223	Detecting and Correcting Special Problems in the Inclusive Classroom
ECED	5163	Perceptual Development in Infants/Toddlers
SPCED	5821	Practicum-Mild/Moderate Disabilities

III. Capstone Experience

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

TOTAL HOURS 33

CERTIFICATION REQUIREMENTS:

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

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.

SCHOOL PSYCHOLOGY - Specialist in Education
(SCPSY.EDS)

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	5713	Consultation & Collaboration
EDPSY	5633	Advanced Abnormal Psychology
EDPSY	5783	Advanced Psychological Testing

EDPSY	5423	Practicum in School Psychology
EDPSY	5513	Internship in School Psychology I
EDPSY	5523	Internship in School Psychology II

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)

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 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 5001-4INDIVIDUAL 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**

BIOL5011-4SEMINAR IN BIOLOGY (TOPIC)
Group study of specified topic for graduate students. Credit 1 to 4 semester hours. **Prerequisite: Admission to the Graduate program. F, S, SU**

BIOL 5021-4 SPECIAL TOPICS IN BIOMEDICAL SCIENCES
Provides special topics in biomedical sciences with variable topics for 1-4 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
Provides special topics in environmental biology and the biology of organisms with variable topics for 1-4 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 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.**

BIOLOGY 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.

Department of Chemistry and Physics

Chemistry

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

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

CHEM 5052 BASIC TOPICS IN CHEMISTRY
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**. **D**

CHEM 5124 BIOCHEMISTRY
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.

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

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 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 of study is upon forms developed by common practice in western music from 1700 to the present. **Prerequisite: MUSIC 1314. SE ***

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. **F,S, SU**

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. F**

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 clienteles, 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/CULTUAL 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, FE**

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 prevision, 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, S**

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: MUS 4011, FO**

MUSIC 5283 QUALITATIVE & QUANTITATIVE RESEARCH IN MUSIC THERAPY
An advanced research class to further extend skills in the research development of descriptive, historical, philosophical, applied behavioral and experimental studies incorporating qualitative and quantitative methods, including the utilization of statistical analysis software for fulfilling the AMTA Advanced Competencies in Theory, Clinical Practice, Research and Professional Development. **Prerequisite: Admission to Graduate Program and completion of 1200 hour Clinical Experience. S, SS every 3 years**

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
D

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 specialties 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**. **SO**

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 5163 SOCIOLOGY OF DEVIANT AND CRIMINAL JUSTICE
A general study of causes, effects and the nature of deviant behavior; special attention is given to criminal behavior as a type of deviance. **F**

CRMJS 5243 COMPARATIVE CRIMINAL JUSTICE SYSTEMS
A trans-national study of criminal justice systems focusing on law enforcement, adjudication, and corrections for comparison with U.S. system**. S**

CRMJS 5353 THE CRIMINAL MIND
This course will explore the mind of those who commit criminal acts and attempt to understand their motives, backgrounds, and psyches. Additional topics discussed in the course will include the mind of the murderer, the stalker, the terrorist, the sex offender, the rapist, and the cyber stalker**. D**

CRMJS 5523 CRIMINOLOGY
The study of the etiology, classification, social control and theoretical analysis of criminal behavior**. D**

CRMJS 5803 PRIVATIZATION OF CRIMINAL JUSTICE
A study of the historical and contemporary involvement of citizens and business and industry (i.e., non-government) in law enforcement, investigation, security, surveillance, detention, corrections, and treatment. **D**

CRMJS 5012 SEMINAR IN CRIMINAL JUSTICE
Intensive study on selected topic in criminal justice. May be repeated with change of subject. **D**

CRMJS 5013 SEMINAR IN CRIMINAL JUSTICE
Intensive study on selected topic in Criminal Justice. **D**

CRMJS 5103 JUVENILE JUSTICE
The study of delinquency and agencies of delinquency control; juvenile courts, probation, institutions and community organizations. **S**

CRMJS 5143 CRITICAL ISSUES IN CRIMINAL JUSTICE
Analysis of selected critical issues facing the criminal justice system. **D**

CRMJS 5153 U.S. CORRECTIONS
A study of corrective social responses to adult criminal behavior; focuses largely on the process of institutionalization, along with alternative treatment strategies. **F**

CRMJS 5333 VICTIMOLOGY
A sociological analysis of victimization, the social response to victimization, and the victim movement. **D**

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 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
Intensive study on selected topic in history. Credit from one to four hours. May be repeated with change of subject for total of 12 hours. **D**

HIST 5023 COLONIAL AMERICA: 1492-1765
A study of the European Colonies north of Mexico from earliest European exploration to the victory of the British in the Wars for North American Empire. **D**

HIST 5033 REVOLUTIONARY AMERICA: 1765-1808
Study of the revolutionary process in the British colonies and the Revolutionary War, the creation of the 1st American Republic under the Articles of Confederation and a 2nd under the Constitution, the revolution 1800 and the stabilization of the republic in the presidency of Thomas Jefferson. **D**

HIST 5043 EARLY MODERN EUROPE
History of European states from the late medieval period to the outbreak of the French Revolution. **D**

HIST 5063 HISTORY OF IRELAND
A history of Ireland with an emphasis on the period since the 17th century. **D**

HIST 5053 CIVIL WAR AND RECONSTRUCTION: 1850-1877
Causes of Civil War, forming of Southern Confederacy, major events of war, political, economic, and social problems associated with restoration of the union. **S**

HIST 5073 20th CENTURY AMERICA: 1915-1950
The 1920's, Depression and New Deal, WWII, Cold War, Korea, and McCarthyism. **D**

HIST 5083 NATIONALISM AND ETHNICITY
An examination of the theories of national and ethnic community, and the violent application of such theories in 19th and 20th century Europe. **D**

HIST 5103 MEDIEVAL ENGLAND
Intensive examination of English history from the Anglo-Saxon era through the reign of King John with an emphasis on the detailed study of chronicles, laws, and other primary sources. **F**

HIST 5113 TUDOR ENGLAND
A study of selected topics from the history of 16th century England. **D**

HIST 5123 AMERICA IN THE 1950s AND 1960s
The study of the "liberal decade" including the administrations of Eisenhower, Kennedy, Johnson, Nixon, as well as King, Civil Rights, Vietnam, 1968, and the counterculture. D

HIST 5133 WOMEN IN AMERICAN HISTORY
The changing role of women in American society from colonial times to the present. Emphasis on cultural values and attitudes, the suffrage movement, feminism and antifeminism in the 20th century as well as the contemporary economic, legal, political, social, and intellectual issues facing women today**. D**

HIST 5143 NEW NATION AND AGE OF JACKSON: 1808-1850
America from the Age of Good Feeling through the Age of Jackson including the War of 1812, the second Great Awakening, the rise of social reform movements, the rise and decline of the second party system and developing tensions between nationalism and sectionalism. **D**

HIST 5153 WORLD WAR I
An examination of the origins, course, and consequences of the Great War. **D**

HIST 5163 GILDED AGE/PROGRESSIVE ERA
Study of the transformation of America from rural society "isolated" from world affairs into highly industrialized power. Social change will be stressed**. D**

HIST 5173 HISTORY OF IDEAS
This course uses a seminar method to examine some of the influential texts and ideas of the modern age. Beginning with great humanist texts and working through writings of Marx, Freud, and others, students will use a Socratic method to examine primary sources. **D**

HIST 5183 AMERICA SINCE 1970
Study of Vietnam, Counterculture, Nixon, Watergate, "me generation", and Ronald Reagan's America through 9/11. **D**

HIST 5193 THE EUROPEAN UNION
This course adopts a lively, interactive approach to study of the European Union, its institutions, member states, historical and legal background, and current issues. Students participate in debates, presentations, and a "Model EU". **D**

HIST 5203 HISTORY OF GERMANY: 9 A.D. – 1989
The history of the German people and states from ancient tribal society, through the Holy Roman Empire, the reformation of Martin Luther, to modern nationalism, Hitler's Reich, and the divided Germany of the Cold War. **F**

HIST 5213 NEW SOUTH
Survey of postbellum South with emphasis on economic, political, and social forces which have changed culture of this region. D

HIST 5293 HISTORICAL RESEARCH AND WRITING
The process of historical research, including methods of locating materials, criticizing sources, analyzing and organizing notes, and writing results and presenting findings. **Prerequisite: HIST 2603. S**

HIST 5303 HISTORY OF IMPERIAL RUSSIA
Social, political, economic, and cultural developments from Muscovy to Bolshevik Revolution of 1917; emphasizing principal Muscovite regimes, Russian expansion, revolutionary movements, and World War I. **D**

HIST 5313 AMERICAN WEST
Study of the Trans-Mississippi West with emphasis on the impact of the frontier on American life, environmental issues, and the 20th Century West. **D**

HIST 5323 WORLD WAR II
An examination of the origins, course, and consequences of the second World War. **D**

HIST 5353 HISTORY OF OKLAHOMA
Oklahoma history from its beginning to present, including Indian background, formation into territories, achievement of statehood, and general cultural, economic, and political development**. S, SU**

HIST 5403 MODERN FRANCE
Surveys developments of modern France from the collapse of the ancient regime through the French revolution, the Napoleonic empire, the rise of the bourgeoisie, the Third Republic, the First and Second World Wars, the Fifth Republic, and contemporary French society as part of the European economic community. **D**

HIST 5413 AMERICAN INDIANS

Emphasis is on Native American cultures and societies in the United States and federal Indian policy from 1830 to the present. **F**

HIST 5503 AMERICAN DIPLOMATIC HISTORY
This course covers the history of foreign relations of the United States from the colonial period to the present. This course takes a thematic view with emphasis on the Cold War and policy towards the Middle East. It emphasizes the complexities involved in making foreign policy by focusing on the major themes, personalities, and events that shaped the nation's status as a world power. **D**

HIST 5503 EARLY CHRISTIAN THOUGHT
A historical introduction to early Christian writings and the development of Christian doctrine during Christianity's first centuries. **D**

HIST 5603 20th CENTURY WORLD HISTORY
A history of the 20th century and the early years of the new millennium. The emphasis will be on traditionally non-western nations and regions such as China, Japan, India, Russia, and Africa. The role of the United States and Europe in this period will also be examined. **D**

HIST 5703 OLD SOUTH
Study of antebellum South. Emphasis on role which South and Southerners played in national affairs and development of southern societal characteristics**. S, D**

Political Science

POLSC 5003 FEDERAL CONSTITUTION
Decisions through which the Supreme Court has developed judicial review and defined the scope of federal power. **Prerequisite: POLSC 1103. F**

POLSC 5013 SEMINAR IN POLITICAL SCIENCE (TOPIC)
Intensive study on selected topic in Political Science. May be repeated with change of subject for a total of 12 hours. **Prerequisite: POLSC 1103. D**

POLSC 5033 POLITICAL PARTIES
Survey of the origin and development of the parties of the United States including an analysis of contemporary policies and issues. **Prerequisite: POLSC 1103. S**

POLSC 5113 POLITICAL THEORY
Examines classic and current views on the nature of authority, liberty, and justice. **Prerequisite: POLSC 1103. F**

POLSC 5163 PRINCIPLES OF INTERNATIONAL RELATIONS
Basic survey of international relations, including a consideration of the basis of national power and the fundamentals of international politics, law, and organization. **Prerequisite: POLSC 1103. D**

POLSC 5233 STATE AND LOCAL GOVERNMENT
An exploration of Oklahoma's political journey to statehood, state-federal relations, and local and tribal relations. **Prerequisite: POLSC 1103. D**

POLSC 5253 INTERNATIONAL LAW
An analysis of international organizations, international courts, issues of sovereignty, diplomatic relations, treaties, human rights, economic policies, and when the use of force is justified. The course will review cases from the United States Supreme Court, the International Court of Justice and other courts throughout the world. **Prerequisite: POLSC 1103. D**

POLSC 5323 LEGISLATIVE-EXECUTIVE RELATIONS
The study of the organization and functioning of Congress and the Executive Branch. **Prerequisite: POLSC 1103. F**

POLSC 5303 INTERNATIONAL ORGANIZATIONS
Development and operation of international organizations from League of Nations to present, with emphasis on UN but including regional and nongovernmental organizations. **Prerequisite: POLSC 1103. D**

POLSC 5343 THE ROAD TO EQUALITY
This course examines the political struggles of disenfranchised groups, primarily in the United States, focusing on race, gender, and class. Primary and secondary readings will concentrate on civil rights and the struggle for equal participation in employment, education, and other political and social institutions. **Prerequisite: POLSC 1103. D**

POLSC 5353 MODEL UNITED NATIONS I
Inform students about the United Nations system; consideration of the political, social, economic, and environmental issues, as well as disarmament and other issues within the international community. Participation in the Midwest Model United Nations is required. **Prerequisite: POLSC 1103. FO**

POLSC 5363 PUBLIC ADMINISTRATION THEORY AND PRACTICE
Introduction to principles and problems of public administration, organization, planning, supervision, budgeting, and administration responsibility. **Prerequisite: POLSC 1103. D**

POLSC 5373 MODEL UNITED NATIONS II
Along with Model United Nations I, explores the United Nations in action, represents different nations at the Midwest Model United Nations and hosts SWOSU Model United Nations**. Prerequisite: POLSC 1103 and POLSC 3353. SE**

POLSC 5403 PUBLIC POLICY FORMATION
A survey of the development and administration of public policy. **Prerequisite: POLSC 1103. D**

POLSC 5613 CIVIL RIGHTS AND LIBERTIES
Limitations placed on federal and state governments by the Constitution. Emphasizes First Amendment freedoms and the Fourteenth Amendment**. Prerequisite: POLSC 1103. S**

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**

Social Sciences

SOCSC 5011-3 SEMINAR IN SOCIAL SCIENCES
Group study of specified topics for graduate students. Credit one to four hours.

SOCSC 5133 TEACHERS COURSE IN THE SOCIAL SCIENCES
Resources, methods and problems in teaching the social sciences in secondary schools. Required for certification in this field. **F**

SOCSC 5853 STATISTICS FOR THE SOCIAL SCIENCES
Introduction to statistical methods in the social sciences. Emphasis on analyzing and presenting data utilized by social scientists; survey of descriptive techniques**. F, S**

SOCSC 5863 FUNDAMENTALS OF RESEARCH
Use of scientific method in social science research. **PREREQUISITE: SOCSC 3853. S**

Sociology

SOCIO 5013 SEMINAR IN SOCIOLOGY
Intensive study on selected topic in Sociology**. D**

SOCIO 5033 ADVANCED ANALYSIS OF SOCIAL PROBLEMS
Contemporary U.S.A. and international social problems are examined through use of contemporary sociological theories. (The course is

designed to give an in-depth understanding of a structural approach to a changing social milieu. **D**

SOCIO 5043 RACIAL AND CULTURAL MINORITIES
An interdisciplinary examination of the causes and consequences of prejudice and discrimination. D

SOCIO 5163 SOCIOLOGY OF DEVIANT AND CRIMINAL BEHAVIOR
A general study of the causes, effects and the nature of deviant behavior; special attention is given to criminal behavior as a type of deviance**. F**

COLLEGE OF PROFESSIONAL AND GRADUATE STUDIES

F = Classes offered in the Fall, S = Classes offered in the Spring, SU = Classes offered in the Summer
I = Intersession classes, D = Classes offered upon Demand

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. Develop skill sets to make appropriate inferences from the data relative to chance, make valid estimates of population parameters, and determine which statistical technique should be used in a valid and feasible manner to maximize information obtained from scientific studies. Be able to read and understand statistics in research literature. Develop coding skills in order to apply statistical methodologies to data sets**. 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 skill sets to review and assess epidemiologic peer-reviewed scientific journal articles. Navigating and understanding the IRB process will also be covered and students will be expected to develop an epidemiologic study. **Online, F, S, SU**

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.

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 5223L. Prerequisite: HIM 3122 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 grant 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, S**

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, S**

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 health care scenarios and delivery systems with a goal of improving patient outcomes and increasing safety. **Prerequisites: 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 health care stakeholders, interdisciplinary teams, and healthcare consumers. **Prerequisite: NURS 5023**

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 and 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 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 on-line 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**

NURS 5313 INTERACTIVE TECHNOLOGY AND COGNITIVE INFORMATICS
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 5323 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

Counseling

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. S**

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, F**

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, SU**

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**

Educational Psychology

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. S**

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. Prerequisite**: 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 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. **Prerequisite: Admission to Graduate Program.**

EDUC 5950 CAPSTONE EXPERIENCE
Students will complete essay exam held approximately mid-term of the semester in which they graduate.

Early Childhood

ECED 5163 PERCEPTUAL DEVELOPMENT IN INFANTS AND TODDLERS
Study of hereditary and environmental determinants of perceptual development of infants and toddlers and their effects on the learning process of children with and without disabilities. **Prerequisite: Admission to Graduate Program**

ECED 5423 PLAY METHODS AND MATERIALS IN PRESCHOOL AND KINDERGARTEN
A survey of the use of play as a learning and socializing process. Special emphasis will be given to topics such as theories, types, stages of play, and play materials and equipment in relationship to various play environments and therapies. **Prerequisite: Admission to Graduate Program**

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 5483 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**

ECED 5612 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 ECED 4533**

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)
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 diagnosis, individuals tutor a child 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 ours 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. P**rerequisite: 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 DISABILILTES
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

SECED 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.**

SECED 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, certified 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 EDUCATONAL 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. F, 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 administrators develop understandings of the diverse constituencies served by schools and gain vital experience in using a variety of communication and technology tools to promote their school's linkage to the community. Ultimately, students have the opportunity to demonstrate they have the skills and dispositions to positively impact the learning environment. **Prerequisite: Admission to Graduate Program**

EDAD 5933 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 e 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 5001-4INDIVIDUAL 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.....
A study of the organization and administration of physical education programs for the public schools, colleges, and special populations.

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 EDUATION 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 5553 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 EDUATION 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 arigorous, 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**

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, principles, 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 o 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 commentating 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 ideals 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/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 curse 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
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 negations in professional relationships, and therefore is one of the key components in sports management.
F, S, SU

Department of Parks and Recreation Management

Natural Resource 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 geo-ecological 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 5143 EMERGENCY RESPONSE
This course deals with the 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.

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, 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 ROPES 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 prussiking. 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 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 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 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 5732 ADV ALPINE ADVENTURE EDU
This course provides the student with advanced knowledge, skills and abilities in the field 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 53232 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 cccsignificance 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.

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

Management

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 ENTREPRENEURSHP & 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. F**

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. D**

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. SU**

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.**

Marketing

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**. **D**

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

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. D**

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. D**

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. D**

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. D**

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. D**

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. S**

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. D**

Department of Computer Science

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

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. S**

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. S**

Department of Engineering Technology

MFET 5183 STATICS AND STRENGTHS

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

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 approvalD**

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. SO**

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. SE**

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. F, S**

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. S**

TECH 5513 MATERIALS TESTING AND ANALYSIS
Testing materials for compression, tension and shear, using modern testing and measuring equipment. **Prerequisite: MATH 1513 or MATH 1613 and Graduate advisor approval. D**

TECH 5823 INDUSTRIAL ELECTRONICS
A study of machine controls and processes. Topics include solenoids, relays, sensors, contactors, switches, timers, counters, analog control and introductory Programmable Controllers. **Prerequisite: TECH 2713 and graduate advisor approval. FE**

TECH 5833 COMMUNICATION ELECTRONICS
A study of wireless techniques for communicating voice, data, and visual information. The course covers AM, FM, UHF, and microwave techniques. **Prerequisite: TECH 2713 and graduate advisor approval. Corequisite: MATH 2823F**

TECH 5843 PROGRAMMABLE LOGIC CONTROLS
A study of programmable logic controllers including the design of ladder programs, HMI application programs, and hardware installation. Students will practice their projects on Rockwell's SLC 500, RSLogix 5000 and PanelView. **Prerequisite: TECH 2713 and graduate advisor approval. Corequisite: TECH 5843L.**

TECH 5863 ELECTRONIC TROUBLE SHOOTING
A study of the knowledge and skills necessary to service microcomputer operating systems, including installation and configuration. This course focuses on the COMP/TIA A+ OS competencies. **Corequisite: TECH 5863L. Prerequisite: TECH 1713.**

TECH 5913 MANUFACTURING ENTERPRISES
A study of the manufacturing industry that emphasizes planning and production aspects. Students will establish a manufacturing corporation then develop, produce and market a product. **Prerequisite: Graduate advisor approval. D**

TECH 5923 PROJECT DEVELOPMENT IN TECHNOLOGY EDUCATION
A study of project development, design, drawing and construction with emphasis on modern and technological trends. **Prerequisite: Admission to the graduate program.**

TECH 5953 CURRICULUM CONSTRUCTION IN TECHNOLOGY ED
Plan systematically the logical steps and procedures for the development of a curriculum in technology education. **Prerequisite: Admission to the graduate program.**

TECH 5983 EVAL IN TECH SUBJECTS
The application of available measuring instruments to technology subject matter areas. Design and criticism of instructor-made tests. Development and use of evaluation techniques. **Prerequisite: Admission to the Graduate Program.**

GRADUATE FACULTY

KETURAH ADAMS (2019) .....Chemistry and Physics Assistant Professor; B.S., Southwestern Oklahoma State University; Ph.D., Texas A&M University.

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

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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.

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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.

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JOHN BRADSHAW (2004).....Language and Literature Assistant Professor; B.A., M.A., Northeast Louisiana University; M.A., University of Iowa.

CATHERINE DEVAUGHAN (2000) .....Mathematics Instructor; B.S., Southwestern Oklahoma State University; M.S., Colorado State University.

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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.

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KENDRA SMITH (2020). ..... Education Instructor; B.A., M.Ed. Southwestern Oklahoma State University.

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MARY ASPEDON (2000)..... Education Bernhardt Professor; B.S., M.S., University of Kansas; Ph.D., University of Nebraska.

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Education, & Recreation; Instructor; B.S., Phillips University; M.T., Central State University.

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