



Academic Catalog **2017-2018**

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General Information & Notifications

SMSU IN PERSPECTIVE

Founded in 1963, Southwest Minnesota State University is a public university located in Marshall, Minnesota, with a population of 14,000. Currently, SMSU has approximately 3700 students and 236 teaching faculty. Its academic, social, and cultural programs are flourishing, as the campus continues to grow. The University offers over 45 baccalaureate majors, 4 associate degree majors, 20 minors, and 16 pre-professional programs. In addition, it offers master's degrees in business, education and special education. Highlights of Southwest Minnesota State University are:

Sweetland Hall, a new residence hall opened in fall 2009;
 Regional Event Center opened in fall 2008;
 New Residence Apartments opened in fall 2006;
 \$17 million Student Center Complex opened in spring 2005;
 SMSU Library renovation project equaling \$9 million;
 Situated on 216 acres of land with 24 interconnected and accessible buildings;
 Average class size of 23 students;
 Division II Athletics and member of the Northern Sun Intercollegiate Conference ;
 Student to faculty ratio of 18:1; and
 Strong placement rates for graduates.

Southwest Minnesota State University is a member of the [Minnesota State](#) system.

Mission

Southwest Minnesota State University prepares students to meet the complex challenges of this century as engaged citizens in their local and global communities. Our comprehensive degree programs, taught in the liberal arts tradition, are dedicated to connecting students' academic and practical professional development experiences in southwestern Minnesota to the wider world.

Vision

Southwest Minnesota State University is a university of choice.

Values

1. The primary focus of all activities is to facilitate the learning experience of our enrolled students. All faculty activities, both within and away from the classroom, are designed to enhance the learning environment.
2. It is essential for SMSU to remain current with technological advancements in delivering classroom and laboratory knowledge to assure maximum interest, impact, and retention by our students.
3. Our faculty recognize the evolving environment in which we all live and the need to insure involving students with current information and developments from the world stage.
4. Student involvement in the learning experience is critical for retention, leading to our dedication to pedagogical improvements that have been shown to enhance the learning experience.
5. We are committed to being good stewards of our resources through demonstrating environmental and fiscal responsibility. Moreover, as responsible citizens and good stewards of our resources, we foster actions, programs, and scholarship that will lead to a sustainable future.
6. We maintain and consistently seek to improve a comprehensive system of support services designed to assist our students in any way possible during their tenure at SMSU and on into the next stages of their lives.
7. We believe in the integration of campus and community. We are committed to being responsive to the needs of southwestern Minnesota and recognize that partnerships with community entities provide us with valuable talents and expertise.
8. We value a safe environment for intellectual expression and encourage open and civil communication.
9. We value a campus safe for all members of the university community.
10. We value maintaining and enhancing a physical design to provide access to all members of the university community.
11. We embrace diversity by developing a quality, comprehensive educational environment that fosters interaction among people of all religions, races, ethnicities, sexual orientations, physical abilities, and ages.
12. We foster cultural understanding on campus through social, educational, and administrative interaction with our diverse population of international students. We offer the opportunity to learn about different cultures through participation in our Global Studies programs.
13. We believe that the southwestern Minnesota region provides rich opportunities for learning that goes beyond the traditional classroom and lab settings—community-based learning experiences. Therefore, we are committed to creating a variety of applied learning experiences that enhance students' practical problem solving skills and strengthen their commitment to civic engagement.

Accreditations

Southwest Minnesota State University is accredited by the National Association of Schools of Music, the Minnesota Board of Teaching, the Council on Social Work Education, the National Alliance of Concurrent Enrollment Partnerships (NACEP), the Commission on Collegiate Nursing Education (CCNE), and The Higher Learning Commission of the North Central Association of Colleges and Schools, 230 South LaSalle Street, Suite 2400, Chicago IL 60602; (800) 621-7440. For more information about the Higher Learning Commission visit their website: www.ncahlc.org.

For more information on SMSU's recent reaccreditation process visit: www.SMSU.edu/go/HLC

Equal Opportunity/Affirmative Action Statement

Southwest Minnesota State University is committed to providing equal education and employment opportunities to all persons and does not discriminate on the basis of race, sex, color, creed, religion, age, national origin, disability, marital status, status with regard to public assistance, sexual orientation, or membership or activity in a local commission as defined by law, or any other group or class against which

discrimination is prohibited by Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Minnesota Statutes Chapter 363, and other applicable state or federal laws. Furthermore, Southwest Minnesota State University will continue to develop and implement timely and comprehensive affirmative action procedures aimed at removing barriers to equal educational and employment opportunity. Inquiries regarding compliance should be referred to the Affirmative Action Officer, (507) 537-6243.

The Minnesota State system and SMSU policies and procedures regarding discrimination and/or harassment are available on the SMSU Affirmation Action Office [webpage linked here](#).

Student Records and Directory Information

The University allows former students, current students, and parents of students under 18 access to their academic records. While the primary record is located in the Registration and Records Office, other records may be located in Admission, Financial Aid, the Business Office, Career Services, Counseling and Testing, the Health Center, Student Development, and academic departments.

The following items have been designated as directory information and may be disclosed without the student's prior consent: name, class standing, field of study, attendance dates, degrees received, local and home address, local and home phone number, email address, participation in officially recognized activities and sports, weight and height of members of athletic teams, awards received, and most recent previous educational agency or institution attended.

View the University's [Policies](#) online. Refer to G-009 Student Records for the Privacy of Student Records under the Federal Family Educational Rights and Privacy Act (FERPA) and Minnesota Government Data Practices Act. Copies of the University's privacy policy may be obtained from the Registration and Records Office or from the Office of Academic Affairs.

Financial Information

The University makes available upon request information that accurately describes its financial condition. A copy of the latest Minnesota State system financial statement, the most recent audit, as well as SMSU's current budget documents are on reserve in the SMSU McFarland Library. Audit information may be viewed online at www.osa.state.mn.us. The MinnState financial statements are available at www.minnstate.edu/system/finance/budget/. Further information may be obtained by contacting the Office of Business Services at (507) 537-6219.

Notice to All Students

Southwest Minnesota State University, in accordance with [Minnesota Statute §135.157](#), is hereby notifying both current and prospective students if they have been arrested, charged or convicted of any criminal offense, they should investigate the impact that the arrest, charge or conviction may have on their chances of employment in the field they intend to study or on their chances to obtain federal, state, and other higher education financial aid.

University Promotional Photographs

Southwest Minnesota State University and its representatives, on occasion, take photographs for the University's use in print and electronic publications. This serves as public notice of the University's intent to do so and as a release to the University giving permission to use such images as it deems fit. If you prefer that your photograph(s) not be used for such purposes, you have the right to withhold its release by contacting the Communications and Marketing Office at (507) 537-6255 or (800) 642-0684, ext. 6255.

Student Right-to-Know and Campus Security Act

Student Right-to-Know and Campus Security Act. The Student Right-to-Know and Campus Security Act increased the level of information universities must collect and provide to current and prospective students and employees and to the Department of Education. The first part of the act, entitled the Student Right-to-Know Act, requires colleges and universities to compile and release institution-wide graduation rates for all students, with more detailed statistical information submitted on the graduation rates of athletes. For institution's graduation rates for all students, [click here](#).

Part II of the act, entitled the Campus Crime Awareness and Campus Security Act of 1990, requires colleges and universities to annually make available to all current employees and students as well as to applicants for enrollment or employment the following information: 1) a

description of policies concerning the security of and access to all campus facilities; policies and procedures for reporting campus crime; and policies concerning law enforcement along with crime prevention educational programs relating to campus security, and 2) statistics concerning the occurrence of certain categories of campus crimes. Institutions are also required to issue timely warnings to the campus community about criminal activities representing a continued safety threat to aid in crime prevention. In addition, the University complies with the 1998 Higher Education Amendments Act that amended the Campus Security Act by expanding the geographic scope and categories of offenses that must be included in the annual statistics. This information is available on SMSU's Public Safety website: <https://www.smsu.edu/campuslife/publicsafety/> under the "Annual Security and Fire Report" banner, and for a printed copy, contact the SMSU Office of University Public Safety, Founders Hall Basement, 1501 State Street, Marshall, Minn. 56258 or call 507-537-7252.

Academic Organization

Academic Organization and Courses of Study

Academic Organization

The core of the University is its academic program, and the Provost serves as the University's Chief Academic Officer. In meeting that responsibility, the Provost has as principal associates the Dean of Arts, Letters, and Sciences and the Dean of Business, Education, and Professional Studies. For a complete view of the academic organization, visit: www.smsu.edu/academics

Academic Programs and Degrees

Graduate Degrees

Management	M.B.A.
Education	M.S.
Physical Education: Coaching of Sport	M.S.
Special Education	M.S.

Undergraduate Degrees

Major Programs

	Degree
Accounting	A.S., B.S.
Agribusiness Management	A.S., B.S.
Agricultural Education	B.S.

<u>General Education</u>	B.S.
<u>Agricultural Solutions</u>	B.S.
<u>Agriculture</u>	B.A.S.
<u>Agronomy</u>	B.S.
<u>Applied Computational Mathematics</u>	B.S.
<u>Art</u>	B.A.
<u>Art Education</u>	B.S.
<u>Biology</u>	B.A.
<u>Biology Education</u>	B.S.
<u>Business Administration</u>	A.S.
<u>Chemistry</u>	B.A.
<u>Chemistry Education</u>	B.S.
<u>Communication Arts & Literature/Secondary Ed. - English Emphasis</u>	B.S.
<u>Communication Arts & Literature/Secondary Ed. - Speech Emphasis</u>	B.S.
<u>Communication Studies</u>	B.A.
<u>Communication Studies: Public Relations</u>	B.A.
<u>Communication Studies: Broadcasting and Digital Media</u>	B.S.
<u>Computer Science</u>	B.S.
<u>Culinology®</u>	B.S.
<u>Early Childhood Education</u>	B.S.
<u>Early Childhood Special Education</u>	B.S.
<u>Educational Studies</u>	B.S.
<u>Elementary Education</u>	B.S.
<u>English</u>	B.A.
<u>Environmental Science</u>	B.S.
<u>Exercise Science</u>	B.S.
<u>Finance</u>	B.S.
<u>History</u>	B.A.
<u>Hospitality Management</u>	B.S.
<u>Individualized Interdisciplinary</u>	B.A., B.S.
<u>Justice Administration</u>	B.S.
<u>Law Enforcement Administration</u>	B.A.S.
<u>Liberal Arts and Sciences</u>	A.A.
<u>Management</u>	B.A.S., B.S.
<u>Marketing</u>	A.S., B.A.S., B.S.
<u>Mathematics</u>	B.A.
<u>Mathematics Education</u>	B.S.
<u>Medical Laboratory Science</u>	B.A.
<u>Music</u>	B.A.
<u>Music Education</u>	B.S.
<u>Nursing: RN to BSN</u>	B.S.N.
<u>Philosophy</u>	B.A.

Physical Education	B.S.
Physical Education/Teaching	B.S.
Political Science	B.A.
Professional Writing & Communication	B.A.
Psychology	B.A.
Social Work	B.S.
Sociology	B.A.
Special Education	B.S.
Teaching English as a Second Language (TESL) K-12	B.S.
Theatre Arts	B.A.

Minor Programs

Accounting	Geography
Acting/Directing	Hispanic Studies
Adapted Physical Activity	History
Adapted PE/DAPE	Hotel/Lodging Management
Advertising Design Communications	Indigenous Nations/Dakota Studies
Agribusiness Management	Literature
Agronomy	Management
Anthropology	Marketing
Art/Studio Arts	Mathematics
Art/Graphic Design	Music
Biology	Nutrition
Business Administration for Non-business majors	Philosophy
Coaching	Physics
Communication Studies	Political Science
Communication Studies/Theatre Arts	Pre-Law
Computer Science	Psychology
Criminal Justice	Public Administration
Design/Technical Theatre	Public Relations
Economics	Reading
Environmental Science	Religious Studies
Exercise Science	Social Welfare
Finance	Sociology
French	Spanish
	Special Education
	Supply Chain Management
	Teaching English as a Second Language (TESL)
	Theatre Arts
	Women's Studies
	Writing

Certificate Programs

Accounting
Autism Spectrum Disorders (Graduate Level)

Pre-professional Programs

Chiropractic
Dentistry
Engineering
Law
Medicine
Mortuary Science
Nursing
Occupational Therapy
Optometry
Pharmacy
Physical Therapy
Veterinary Medicine

Key to Curriculum Prefixes

Prefix Code...Program Title	Prefix Code...Program Title
ACCT.....Accounting	HOSP.....Hospitality Management
AE.....Adult Education	HUMT.....Humanities
AGBU.....Agribusiness Management	IDST.....Interdisciplinary Studies
AGRI.....Agriculture	INDS.....Indigenous Nations and Dakota Studies
AGRO.....Agronomy	JUAD.....Justice Administration
AGSO.....Agricultural Solutions	LEP.....Liberal Education Program
ANTH.....Anthropology	LIT.....Literature
ART.....Art	MBA.....Master of Business Administration
BADM.....Business Administration	MKTG.....Marketing
BIOL.....Biology	MATH.....Mathematics
CHEM.....Chemistry	MGMT.....Management
COMM.....Communication Studies	MUS.....Music
COMP.....Computer Science	NURS.....Nursing (RN to BSN)
CRED.....Credentialing Education	PE.....Physical Education
CULG.....Culinology ®	PHIL.....Philosophy
ECON.....Economics	PHYS.....Physics
ED.....Education	POL.....Political Science
ENG.....English: American Language	PSYC.....Psychology
ENVS.....Environmental Science	RLST.....Religious Studies
EXSC.....Exercise Science	SWRK.....Social Work
FIN.....Finance	SOCI.....Sociology
FREN.....French	SPAN.....Spanish
GLBL.....Global Studies	SPED.....Special Education
HLTH.....Health	TESL.....Teaching English as a Second Language (TESL)
HIST.....History	THTR.....Theatre Arts

Summer Term

After graduation in May through the end of July, the summer session is conducted as a regular part of the academic program. Courses are offered at varying start dates (mid-May and early July). Summer session provides an opportunity for the student who wishes to advance his/her learning in a particular field of study, to meet teacher licensure requirements, or to accelerate college work. Further information and announcement of summer courses and workshops are published in the spring of each year. Consult the [Summer Term](#) page for current offerings.

Extended Learning and Academic Outreach

Southwest Minnesota State University offers programs to off-campus students through the Extending Learning and Academic Outreach programs. Visit the Extended Learning and Academic Outreach webpage for current information about the programs available and the locations we serve: www.SMSU.edu/go/extendedlearning

International Programs/Study Abroad

SMSU students are encouraged to undertake study and travel in other countries. Students who have never considered foreign study to be financially possible may find that by planning well in advance, saving regularly and arranging to apply on-campus financial aids or loans, they can cover the costs of a term of study abroad. Special scholarship aid is rarely available for foreign study. However, if a student joins an overseas program for credit sponsored by one of the MnSCU universities, his/her existing financial aid can apply overseas (except work study).

Students have an opportunity for foreign travel and studies through this program described in the “Global Studies” section in Academic Programs. Through the Common Market plan, SMSU students may apply to join overseas programs of other MnSCU universities. St. Cloud State University and Minnesota State University, Mankato, for example, have study programs in many other countries.

Independent study abroad for credit is also possible under an arrangement approved by the SMSU faculty. The student makes written agreements in advance with the departments from which credit is desired, spelling out in detail the activities to be undertaken abroad. Reporting and/or testing will be required when the student returns to campus.

Groups of students with a common interest, (for example, in music, art, social science or foreign language) can receive help in organizing a group study tour. Such projects are most likely to be successful when planned in conjunction with a faculty member who has experience and contacts in the country or countries to be visited. Groups of SMSU students studying French have visited France, staying with families there.

Internships

Almost all of the majors offered at Southwest Minnesota State offer internship opportunities to students. Internship coordinators within programs assist students in finding opportunities to obtain with work experience for credit. A wide variety of businesses and organizations, as well as locations, are part of this program. The work experience usually relates to the student's curricular goals. The student needs to have sufficient course work as background for the internship, so as to fulfill the needs of the internship. For more information, students should contact their department office and the Career Services Office (BA 156).

Academic Policies & Procedures

Academic Policies

All policies and procedures can be found on the [SMSU Policies and Procedures](#) web page. Relevant to the academic catalog are the Academic Codified Policies which appear at the top of the Policies page.

ACADEMIC PROGRAMS~~The SMSU Liberal Education Program & Minnesota Transfer Curriculum (MnTC) 1 / 6~~**The SMSU Liberal Education Program & Minnesota Transfer Curriculum (MnTC)****Part I. Minnesota Transfer Curriculum**

The Minnesota Transfer Curriculum (MnTC) is the result of a collaborative effort by all of the two- and four-year public colleges and universities in Minnesota to help students transfer their work in lower-division general education. Each institution certifies the courses for the ten goal areas within the MnTC.

To complete SMSU's Minnesota Transfer Curriculum:

Students must complete a minimum of 42 credits.

Some courses may fulfill two MnTC goal areas, but this does not reduce the 42 credit requirement.

The MnTC must be completed with a minimum grade point average of 2.0.

Science lecture and lab are considered to be one course.

TIP: Search the [online schedule of classes](#) using the "MN Transfer Curriculum Goal" tab to find currently offered courses designated MnTC Goals 1-10.

NOTE: Minnesota Transfer Curriculum courses with a grade of "D" are accepted for the LEP/MnTC only from MnSCU institutions.

MnTC Goal 01: Communication (3 courses, 10 credits)

Courses to be completed by the end of the student's first year at SMSU:

ENG 151 Academic Writing _____ Credits: 4

Course to be completed by the end of the student's second year at SMSU:

COMM 110 Essentials of Speaking and Listening _____ Credits: 3

One sophomore-level or above writing course:

ENG 251 Writing in Professions _____ Credits: 3

PHIL 303 Ethical Issues in Professional Life _____ Credits: 3

MnTC Goal 02: Critical Thinking (1 course, 3 credits)

Freshman course to be completed by the end of the student's first year at SMSU:

LEP 100 First Year Seminar _____ Credits: 3

Option for transfer students with college experience, in consultation with an academic advisor:

PHIL 101 Critical Thinking _____ Credits: 3

Option for students interested in or accepted to the Honors Program, as well as those seeking a greater challenge for their Critical Thinking course:

HONR 140 Introduction to Honors _____ Credits: 3

MnTC Goal 03: Natural Sciences (2 courses with labs, 8 credits)

Two courses with labs from different disciplines, chosen from the following list:

BIOL 100 Biology in Modern World _____ Credits: 3

BIOL 100L Biology in Modern World Lab _____ Credits: 1

BIOL 200 Introduction to Cellular Biology _____ Credits: 3

BIOL 200L Introduction to Cellular Biology Lab _____ Credits: 1

BIOL 201 Introduction to Biodiversity & Evolution _____ Credits: 3

BIOL 201L Introduction to Biodiversity & Evolution Lab _____ Credits: 1

CHEM 110 Our Chemical World _____ Credits: 3

CHEM 110L Our Chemical World Lab _____ Credits: 1

CHEM 121 Basic Chemistry _____ Credits: 3

CHEM 121L Basic Chemistry Lab _____ Credits: 1

CHEM 231 General Chemistry I _____ Credits: 3

CHEM 231L General Chemistry I Lab _____ Credits: 1

ENVS 100 Earth Science _____ Credits: 3

ENVS 100L Earth Science Lab _____ Credits: 1

ENVS 101 Physical Geology _____ Credits: 3

ENVS 101L Physical Geology Lab _____ Credits: 1

ENVS 180 Environmental Science: Introduction _____ Credits: 3

ENVS 180L Environmental Science: Introduction Lab _____ Credits: 1

PHYS 120 Introductory Physics _____ Credits: 3

PHYS 120L Introductory Physics Lab _____ Credits: 1

PHYS 121 Introduction to Astronomy _____ Credits: 3

PHYS 121L Introduction to Astronomy Lab _____ Credits: 1

PHYS 141 College Physics I _____ Credits: 3

ACADEMIC PROGRAMS~~The SMSU Liberal Education Program & Minnesota Transfer Curriculum (MnTC) 2 / 6~~

PHYS 141L	College Physics I Lab	Credits: 1
PHYS 181	University Physics I	Credits: 4
PHYS 181L	University Physics I Lab	Credits: 1

MnTC Goal 04: Mathematical/Logical Reasoning (1 course, 3-5 credits)*One course chosen from the following list:*

MATH 101	Great Ideas of Mathematics	Credits: 3
MATH 110	College Algebra	Credits: 3
MATH 115	Finite Mathematics	Credits: 3
MATH 125	Trigonometry & Special Functions	Credits: 3
MATH 135	Precalculus	Credits: 5
MATH 140	Calculus: A Short Course	Credits: 3
MATH 150	Calculus I	Credits: 5
MATH 151	Calculus II	Credits: 4
MATH 200	Intro to Statistics	Credits: 3
PHIL 340	Logic	Credits: 3

MnTC Goal 05: History and the Social and Behavioral Sciences (2 courses, 6 credits)*Two courses from different disciplines chosen from the following list:*

ECON 110	The Real World of Economics	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3
GEOG 101	Introduction to Geography	Credits: 3
HIST 210	Contemporary World History	Credits: 3
HIST 242	Early Europe	Credits: 3
HIST 243	Modern Europe	Credits: 3
HIST 310	Environmental History	Credits: 3
HIST 311	World in War & Crisis: 1910-1945	Credits: 3
HIST 312	World in War and Crisis: 1945-Today	Credits: 3
HIST 314	Modern Latin America	Credits: 3
JUAD 144	Introduction to Justice & Society	Credits: 3
POL 120	American National Government	Credits: 3
POL 200	International Politics	Credits: 3
POL 221	State Government	Credits: 3
POL 227	The Judicial Process	Credits: 3
POL 252	Intro Comparative Politics	Credits: 3
PSYC 101	General Psychology I	Credits: 3
SOCI 101	Introduction to Sociology	Credits: 3
SOCI 220	Social Problems	Credits: 3

MnTC Goal 06: The Humanities and Fine Arts (2 courses, 6 credits)*Two courses from different disciplines chosen from the following list:*

ART 100	Introduction to Visual Arts	Credits: 3
ART 102	Foundations of Art & Design 2D	Credits: 3
ART 103	Foundations of Art and Design 3D	Credits: 3
ART 150	Art History I	Credits: 3
ART 151	Art History II	Credits: 3
ENG 107	Introduction to Creative Writing	Credits: 3
HUMT 201	Origins of Western Civilization	Credits: 3
HUMT 202	European Middle Ages & Renaissance	Credits: 3
HUMT 203	Modern Western Civilization	Credits: 3
HUMT 211	The Ancient World	Credits: 3
HUMT 212	The Modern World	Credits: 3
HUMT 301	Archetypes, Symbols, and the Sacred	Credits: 3
LIT 100	Literature: Human Diversity	Credits: 3
LIT 120	Introduction to Literature	Credits: 3
LIT 150	Literature: Global Perspective	Credits: 3
LIT 170	Literature: People & Environment	Credits: 3
LIT 200	Literature: Rural/Regional Experience	Credits: 3

ACADEMIC PROGRAMS**The SMSU Liberal Education Program & Minnesota Transfer Curriculum (MnTC) 3 / 6**

LIT 261	Novel	Credits: 3
LIT 262	Short Story	Credits: 3
LIT 263	Poetry	Credits: 3
LIT 264	World Drama	Credits: 3
LIT 265	Literature and Film	Credits: 3
MUS 100	Introduction to Music	Credits: 3
MUS 101	Survey of World Music	Credits: 3
MUS 102	American Music	Credits: 3
MUS 104	Popular Music	Credits: 3
MUS 381	Music History: Medieval through Baroque	Credits: 3
MUS 382	Music History: Classic-20th Century	Credits: 3
PHIL 100	Introduction to Philosophy	Credits: 3
PHIL 101	Critical Thinking	Credits: 3
PHIL 230	Philosophy of Religion	Credits: 3
PHIL 250	Philosophy Through Film	Credits: 3
THTR 100	Theatre Appreciation	Credits: 3
THTR 220	Film & Television Appreciation	Credits: 3

MnTC Goal 07: Human Diversity (1 course, 3 credits)*One course chosen from the following list:*

COMM 228	Exploring Diversity Through Family Storytelling	Credits: 3
COMM 230	Interpersonal Communication	Credits: 3
COMM 240	Cross Cultural Communication	Credits: 3
HIST 221	Early America: History of the U.S. from the Colonial Era to the Civil War	Credits: 3
HIST 222	Modern America: History of the U.S. from 1865 to the Present	Credits: 3
HIST 359	African-American History: 1500 to the Present	Credits: 3
HUMT 230	World Religions	Credits: 3
INDS 101	Introduction to Indigenous Nations and Dakota Studies	Credits: 3
JUAD 300	Women and Justice	Credits: 3
LIT 100	Literature: Human Diversity	Credits: 3
LIT 335	African American Literature	Credits: 3
LIT 340	Sexuality and Gender in Literature	Credits: 3
LIT 355	Native American Literature	Credits: 3
LIT 375	Women's Literature	Credits: 3
PHIL 310	The Philosophy of Sex and Gender	Credits: 3
PSYC 360	Cross-Cultural Psychology	Credits: 3
SOCI 211	Marriage and the Family	Credits: 3
SOCI 212	Human Relations	Credits: 3
SOCI 270	Gender Issues	Credits: 3
SOCI 324	Sociology of Sexualities	Credits: 3
SOCI 331	Racial & Ethnic Relations in America	Credits: 3
SPAN 101	Beginning Spanish I	Credits: 3
SPAN 102	Beginning Spanish II	Credits: 3
SPAN 205	Intermediate Spanish	Credits: 5
THTR 225	Human Diversity in Theatre	Credits: 3

MnTC Goal 08: Global Perspective (1 course, 3-4 credits)*One course chosen from the following list:*

HIST 210	Contemporary World History	Credits: 3
HIST 242	Early Europe	Credits: 3
HIST 243	Modern Europe	Credits: 3
HIST 311	World in War & Crisis: 1910-1945	Credits: 3
HIST 312	World in War and Crisis: 1945-Today	Credits: 3
HIST 314	Modern Latin America	Credits: 3
HIST 351	Origins of Islamic Civil	Credits: 3
HUMT 211	The Ancient World	Credits: 3

ACADEMIC PROGRAMS**The SMSU Liberal Education Program & Minnesota Transfer Curriculum (MnTC) 4/6**

HUMT 212	The Modern World	Credits: 3
HUMT 230	World Religions	Credits: 3
LIT 150	Literature: Global Perspective	Credits: 3
LIT 264	World Drama	Credits: 3
MUS 101	Survey of World Music	Credits: 3
PHIL 240	Philosophy East and West	Credits: 3
POL 117	Introduction to Government & Politics	Credits: 3
POL 200	International Politics	Credits: 3
POL 252	Intro Comparative Politics	Credits: 3
SOCI 270	Gender Issues	Credits: 3
SPAN 101	Beginning Spanish I	Credits: 3
SPAN 102	Beginning Spanish II	Credits: 3
SPAN 201	Intermediate Spanish I	Credits: 4
SPAN 202	Intermediate Spanish II	Credits: 4
SPAN 205	Intermediate Spanish	Credits: 5
THTR 435	Theatre History I	Credits: 3
THTR 440	Theatre History II	Credits: 3

MnTC Goal 09: Ethical and Civic Responsibility (1 course, 3 credits)*One course chosen from the following list:*

ECON 210	Introduction to Cooperatives	Credits: 3
HIST 221	Early America: History of the U.S. from the Colonial Era to the Civil War	Credits: 3
HIST 222	Modern America: History of the U.S. from 1865 to the Present	Credits: 3
HIST 359	African-American History: 1500 to the Present	Credits: 3
JUAD 144	Introduction to Justice & Society	Credits: 3
PHIL 103	Ethics	Credits: 3
PHIL 105	Ethical Issues in Business	Credits: 3
PHIL 107	Environmental Ethics	Credits: 3
PHIL 322	Medical and Bioethics	Credits: 3
PHIL 330	History of Philosophy: Ethics	Credits: 3
PHIL 331	History of Philosophy: Social & Political Philosophy	Credits: 3
POL 117	Introduction to Government & Politics	Credits: 3
POL 120	American National Government	Credits: 3
POL 221	State Government	Credits: 3
POL 250	Amer Parties & Elections	Credits: 3
POL 324	Local & Rural Politics	Credits: 3
SOCI 220	Social Problems	Credits: 3

MnTC Goal 10: People and the Environment (1 course, 3 credits)*One course chosen from the following list:*

BIOL 201	Introduction to Biodiversity & Evolution	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab	Credits: 1
CHEM 110	Our Chemical World	Credits: 3
CHEM 110L	Our Chemical World Lab	Credits: 1
ENVS 100	Earth Science	Credits: 3
ENVS 100L	Earth Science Lab	Credits: 1
ENVS 180	Environmental Science: Introduction	Credits: 3
ENVS 180L	Environmental Science: Introduction Lab	Credits: 1
GEOG 101	Introduction to Geography	Credits: 3
HIST 310	Environmental History	Credits: 3
LIT 170	Literature: People & Environment	Credits: 3
PHIL 107	Environmental Ethics	Credits: 3

Part II. SMSU Liberal Education Graduation Requirements

The SMSU Liberal Education Program Graduation Requirements are typically completed in the students' third or fourth year at the

ACADEMIC PROGRAMS**The SMSU Liberal Education Program & Minnesota Transfer Curriculum (MnTC) 5 / 6**

university. Their purpose is to further develop the knowledge and skills acquired as a result of completion of the Minnesota Transfer Curriculum and to provide opportunities for assessment of the Student Learning Outcomes.

TIP: Search the [online schedule of classes](#) using the "General/Lib Ed" tab to find currently offered courses in this category.

Liberal Education Graduation Requirements:

LEP 400	Contemporary Issues Seminar	Credits: 3
MAJOR ---	Communication/Critical Thinking	Credits: 0
MAJOR ---	Capstone	Credits: 0

Major Capstone Courses

Notes:

Each major has its own major capstone course. See your program curriculum and advisor for requirements and prerequisites.

ACCT 445	Senior Capstone	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
AGRO 415	Professional Development in Agriculture: Senior Seminar-Capstone	Credits: 2
BIOL 487	Senior Biology Seminar	Credits: 1
BIOL 499	Internship in Biology	Credits: 1 - 15
CHEM 420	Chemistry Seminar	Credits: 1 - 2
CHEM 470	Advanced Laboratory	Credits: 1 - 4
COMM 450	Secondary Teaching Methods: Speech Communication	Credits: 3
COMM 488	Senior Seminar	Credits: 2
COMP 492	Capstone Project	Credits: 1
COMP 493	Capstone Project	Credits: 1
CULG 490	Food Product Development II	Credits: 3
ENG 492	Theory & Practice of Professional Writing	Credits: 3
ENG 495	Senior Capstone	Credits: 2
ENVS 400	Environmental Data Analysis & Presentation	Credits: 2
EXSC 475	Capstone Research	Credits: 3
EXSC 499	Professional Practicum	Credits: 1 - 12
FIN 492	Financial Policy	Credits: 3
HIST 487	Senior Seminar	Credits: 3
HOSP 460	Hospitality Operations and Policy	Credits: 3
JUAD 498	Senior Seminar in Justice Administration	Credits: 3
MATH 480	Mathematics Seminar	Credits: 1
MGMT 461	Professional Field Capstone	Credits: 3
MGMT 492	Business Policy	Credits: 3
MKTG 491	Strategic Marketing Policy	Credits: 3
NURS 450	Clinical Practicum	Credits: 3
PE 497	Senior Seminar	Credits: 2
PHIL 432	History of Philosophy: Knowledge and Reality	Credits: 4
POL 490	Senior Seminar	Credits: 3
PSYC 420	History & Systems of Psychology	Credits: 3
SOCI 495	Senior Capstone in Sociology	Credits: 3
SWRK 485	Social Work Field Seminar	Credits: 4
THTR 430	Senior Project	Credits: 3

Major Communication/Critical Thinking Courses

ACCT 445	Senior Capstone	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
AGBU 495	Seminar II: Career Readiness & Portfolio Assessment	Credits: 1
BIOL 487	Senior Biology Seminar	Credits: 1
BIOL 499	Internship in Biology	Credits: 1 - 15
CHEM 420	Chemistry Seminar	Credits: 1 - 2
CHEM 470	Advanced Laboratory	Credits: 1 - 4
COMM 360	Organizational Communication	Credits: 3
COMM 410	Communication Analysis	Credits: 3
COMM 425	Broadcast Law & Regulation	Credits: 3

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COMP 492	Capstone Project _____	Credits: 1
COMP 493	Capstone Project _____	Credits: 1
ED 461	Educational Studies Practicum _____	Credits: 1 - 12
ENG 360	Scientific & Technical Writing _____	Credits: 3
ENVS 400	Environmental Data Analysis & Presentation _____	Credits: 2
FIN 492	Financial Policy _____	Credits: 3
HIST 487	Senior Seminar _____	Credits: 3
LIT 306	Craft and Theory: Prose and Poetry _____	Credits: 3
LIT 321	British Literature: Beginning through Restoration and 18th Century _____	Credits: 3
LIT 322	British Literature: Nineteenth and Twentieth Century _____	Credits: 3
MATH 480	Mathematics Seminar _____	Credits: 1
MGMT 492	Business Policy _____	Credits: 3
MKTG 491	Strategic Marketing Policy _____	Credits: 3
MUS 370	Form and Analysis _____	Credits: 2
NURS 450	Clinical Practicum _____	Credits: 3
PE 497	Senior Seminar _____	Credits: 2
PHIL 432	History of Philosophy: Knowledge and Reality _____	Credits: 4
PSYC 309	Advanced Experimental Psychology: Biopsychology _____	Credits: 3
PSYC 312	Advanced Experimental Psychology: Learning & Memory _____	Credits: 3
PSYC 320	Advanced Experimental Psychology: Sensation & Perception _____	Credits: 3
PSYC 333	Advanced Experimental Psychology: Motivation & Emotion _____	Credits: 3
SOCI 495	Senior Capstone in Sociology _____	Credits: 3
SWRK 402	Social Welfare Policy _____	Credits: 3
THTR 435	Theatre History I _____	Credits: 3

Admission

Freshman Admission

To be considered for admission to Southwest Minnesota State University, students must submit the following to the Office of Admission:
Completed application for admission and a non-refundable application fee of \$20.00.

Scores from the ACT (code number 2151) or the SAT (code number 6703).

Official high school transcript.

Note: Final high school transcripts, complete with date of graduation, end of year rank and grades, must be submitted to the Office of Admission prior to enrollment.

Students may also apply online at <http://www.SMSU.edu>

Freshman admission may be granted to applicants who meet the following criteria:

Graduation from a regionally accredited high school with a composite score of 21 on the ACT or a combined verbal/math score of 990 on the SAT (ACT preferred).

OR

Graduation from a regionally accredited high school and rank in the upper one-half of the graduating class.

AND

Successful/satisfactory completion of the following preparation requirements:

Four years of English, including composition, literature, and speech.

Three years of mathematics, including two years of algebra (one of which is intermediate or advanced algebra), and one year of geometry.

Three years of science, including one year of a biological and one year of a physical science. Each should have significant laboratory experience.

Three years of social science including one year of U.S. history and one year of geography.

Three years of specified electives. Students should have completed three years of coursework in at least two of the following areas: world language, world culture, or the arts.

Students are also required to complete two years of a single world language (American Sign Language is accepted).

The University will evaluate each applicant's credentials individually and note any deficiencies. If required college preparation courses are not offered at the student's high school, exemptions may be granted for admission purposes.

Students failing to meet the above class rank, ACT, or preparation requirements may still be considered for Academic Opportunity-FYE Admission but should contact the SMSU Office of Admission for further details and criteria.

Students admitted under Academic Opportunity-FYE may be required to take specific coursework designed to enhance their opportunity for academic success. Semester credit limits, additional placement testing, and attainment of a minimum grade point average will also be required of students entering under this status.

Students may also apply online at www.SMSU.edu.

Transfer Student Admission

To be considered for transfer admission to Southwest Minnesota State University, students must submit the following to the Office of Admission:

Completed application for admission and non-refundable fee of \$20.00.

Official transcripts from all non-MnSCU post-secondary institutions attended. Transcripts must be sent directly from each institution to the SMSU Office of Admission. Most transcripts from MnSCU institutions can be retrieved by electronic transcript process.

Students may also apply online at www.SMSU.edu

Transfer admission will be granted to students who meet the following criteria:

Have attained a minimum grade point average of 2.0 (on a 4.0 scale) in previous college coursework from a college, university or technical college.

Students wishing to transfer with less than 24 semester credits from an accredited two or four year institution must also submit an official high school transcript.

Information regarding preparation for transfer or evaluation of transfer credits may be obtained by contacting the Transfer Specialist in the Office of the Registrar. Students may review how courses will transfer at: www.SMSU.edu/admission

Students who do not possess the above stated admission requirements may be considered for Academic Opportunity-FYE if judged to have potential to be successful in the academic program at Southwest Minnesota State University.

Students who have been suspended from another institution will not be considered for admission to SMSU until the suspension has been lifted by that institution or until one year has elapsed. Students who possess debts at other institutions will not be offered admission to the University.

Evaluation of Previous Coursework

Notes:

I. SMSU accepts all credits from the awarding institution in the following cases:

Bachelor's degree

Associate of Arts (A.A.) degree

Complete Minnesota General Education Transfer Curriculum

These credits will transfer to fulfill SMSU's Liberal Arts Core Curriculum requirements.

II. In all other situations, the following rules for acceptance of transfer credit** will apply:

A grade of "C" or better must have been attained. (Policy under review)

Some restrictions apply to the number of transfer credits accepted in correspondence and religion courses.

Courses considered to be developmental (often numbered less than 100) will not transfer.

The criteria for accepting major coursework from other institutions is determined by the department of your chosen major.

Questions relative to the transfer of coursework should be directed to the Transfer Specialist located in the Office of Registration and Records.

** (As with any transfer of credit, comparable course content is required.)

Transferring from a Technical College

Notes:

The Bachelor of Applied Science is a unique program at SMSU designed to allow technical college students an alternative plan to complete a bachelor's degree. Students wishing to transfer into a Bachelor of Applied Science program at SMSU should contact the Office of Admission for further information.

Other technical college transfer students will receive a maximum of 16 semester credits (24 quarter credits) if they have successfully completed an established program at a technical college. Additional credits may be granted dependent upon individual departmental review.

International Student Admission

International students wishing to be considered for Freshman Admission at Southwest Minnesota State must submit the following:

University International Student application for admission and \$20 non-refundable application fee.

A minimum score of 500 on the written exam or 173 on the computerized exam on the Test of English as a Foreign Language (TOEFL), a minimum of 80 on the Michigan Test of English Proficiency or completion of level 109 from an English Language School Center.

Official transcripts verifying a comparable U.S. high school diploma.

Documentation of evidence of financial support.

SAT scores are recommended

International students wishing to transfer to SMSU from other U.S. colleges and universities must submit the following:

University International Student application for admission and a \$20 non-refundable application fee.

A minimum score of 500 on the written exam or 173 on the computerized exam on the Test of English as a Foreign Language (TOEFL),

Michigan Test of English Proficiency with a minimum score of 80, or completion of level 109 from an English Language School Center.

Official transcripts from all previously attended colleges, universities, or technical colleges and a minimum grade point average of 2.00 (on a 4.0 scale.)

An International Student Transfer Form (available from the Office of Admission.)

Documentation of evidence of financial support.

In some cases, TOEFL may be waived for students transferring from another U.S. college or university. Please contact the Office of Admission for qualifications.

A PDF version of the International Student Packet is available at <http://www.smsu.edu/admission/international/index.html>

International students wishing to transfer to SMSU from colleges and universities outside the United States must submit the following:

University International Student application for admission and \$20 non-refundable application fee.

A minimum score of 500 on the written exam or 173 on the computerized exam on the Test of English as a Foreign Language (TOEFL), a minimum of 80 on the Michigan Test of English Proficiency or completion of level 109 from a English Language School Center.

Evaluation of international college/university transcript by approved transcript evaluation firm. Please contact the Office of Admission for further information.

Documentation of evidence of financial support.

Those students in the United States under an immigration status other than F-1 Visa, and for whom English is not the native language must submit the following:

Completed application for admission and \$20 nonrefundable application fee.

One of the following: official transcripts verifying earned equivalent of U.S high school diploma, GED, Test of English as a Foreign language (TOEFL) with a minimum score of 500 on the written exam or 173 on the computerized exam, Michigan Test of English Proficiency with a minimum score of 80 or completion of level 109 from an English Language School Center.

Official and complete Southwest Minnesota State University Admission Policy is available upon request by contacting the Office of Admission.

Graduate Admission

Southwest Minnesota State University and the College of Business, Education, and Professional Studies are proud to offer Master's degrees in Business Administration (M.B.A.), Education, and Special Education. These programs assist professionals and practitioners in acquiring the knowledge needed to assume increased levels of responsibility and to enhance the opportunity for career development and advancement.

Master of Business Administration

Notes:

The M.B.A. is designed to help working individuals acquire the knowledge and skills that they will need for professional advancement within their organizations. Students can pursue graduate education while maintaining ongoing responsibilities. Classes are scheduled for weekday evenings for the convenience of the students who have home and work obligations. The program's curriculum is designed to meet the management needs of organizations now and in the future. The enhancement of a person's managerial, financial and market

decision-making abilities is at the core of our curriculum. In addition, our program includes topics such as global markets, ethics, effective communication, diversity management, and leadership/teamwork skills. The entire program is aimed at enabling students to be competent managers in a rapidly changing world.

Master of Science: Education

Notes:

The integrated core curriculum in the Master of Science: Education includes current research on community building, teaching and learning, inquiry, ethics, technology, social action, and the life experiences of the participants. Participants also enhance their expertise in content areas. The themes of the program are consistent with concepts of diversity, democracy, and dignity. The themes include technology scholarship, community building, leadership, teaching/learning theory, and portfolio assessment. Students will choose one of the following emphases: Teaching, Learning & Leadership; Sports Leadership; English; or Reading. The Reading emphasis adds a Reading specific licensure area to a current teaching license.

Note: Student must be a licensed teacher to enter the Reading, Math, and ESL programs.

Master of Science: Special Education

Notes:

This degree program includes courses in the core competencies for special educators, specialty/licensure courses, field experiences, and a research component. Candidates have a choice of specialty/licensure areas in Developmental Disabilities (DD), Early Childhood Special Education (ECSE), Emotional Behavioral Disorders (EBD), or Learning Disabilities (LD). Guiding principles for this degree program include the Code of Ethics and standards of practice by the Council for Exceptional Children (CEC), the National Board for Professional Teaching Standards (NBPTS), and the Interstate New Teacher Assessment and Support Consortium (INTASC).

Note: Student must be a licensed teacher in order to enter this program.

Graduate Admission Notes:

Each of the programs listed above have individual entrance requirements. Students are encouraged to contact the Graduate Office for admission criteria for all Master's Programs. Visit the [Graduate Office](#) section of our web site for program and application information.

Other Admission

Readmission to the University

Notes:

Students who have attended SMSU in the past and have not been enrolled in the last one or more terms (excluding summer sessions) will be considered for re-admission and should contact the Office of Admission for more information. If a student has attended another institution during his/her time away from SMSU, official transcripts from that institution are required. Students required to withdraw from the University are not eligible for re-admission for the equivalent of one academic year. Re-admission applications are available at <https://www.smsu.edu/campuslife/registrationrecords/forms/index.html>.

Non-Traditional Student/GED Admission

Notes:

Students wishing to attend SMSU who are over the age of 21 with no previous post-secondary education may be admitted upon application and proof of high school graduation or the equivalent (GED). Those students who have successfully completed the GED will be considered for admission upon evaluation of official GED scores. For admission forms, visit the [Admission web page](#).

Enrollment of Part-Time, Non-Degree Students

Notes:

Southwest Minnesota State University recognizes that not all students can attend college full-time. For this reason, part-time, non-degree seeking students **who have not been enrolled in secondary school or another college or university for one year** may be allowed to enroll in a maximum of six credits per semester by completing a part-time student application. Students may continue under this status until they have earned 24 credit hours, at which time they must apply for admission and provide all documentation listed previously.

Concurrently enrolled high school students may not enroll under this status. Students not fully admitted are not eligible for federal financial aid.

Click here for the [Admission Forms](#).

Enrollment of High School Students

Notes:

Concurrent with high school enrollment, high school students may be admitted to the University for either part-time or full-time enrollment. Enrollment is dependent upon space availability in the courses desired by the student. Students wishing to enroll must meet the following requirements:

High school seniors wishing to enroll must rank in the upper half of their class (juniors must rank in the upper one-third.)

Submit proper documentation from the high school supporting part-time or full-time enrollment (depending upon the status being sought by the student).

Students under 18 years of age must have consent from parent or guardian.

Note: Students enrolling under the Post Secondary Enrollment Options (PSEO) or the School and College Program (SACP) should contact

the Office of Admission for further details and instructions.

Enrollment of Senior Citizens

Notes:

1975 Minnesota Law, Chapter 136, "Senior Citizens Higher Education Program," allows residents who have reached the age of 62 years or older prior to the beginning date of a course to enroll for credit. The administrative charge for senior citizens taking credit courses on a space-available basis is \$20 per credit hour plus applicable fees. Senior citizens may audit credit courses at no charge and have all fees except laboratory and material fees waived. This option is available only after all tuition-paying students have been accommodated.

Financial Information

Financial Information

Tuition and Fees

Notes:

Tuition, fees, and room and meal rates are established by the MnSCU Board of Trustees and are subject to revision.

SMSU bands undergraduate on-campus tuition and fees. For students who are enrolled in 12 to 18 credits, tuition and fees will be charged at a flat rate. On-campus undergraduate students enrolled in fewer than 12 credits will be charged on a per credit basis. Undergraduate students taking more than 18 credits will pay the banded rate for the first 18 credits plus the per credit rate for each additional credit taken over 18.

Programmatic tuition may be assessed for certain courses such as science lab courses, art studio courses, and culinology and hospitality lab courses.

Visit the Business Services page for [current Tuition and Fee Rates](#).

Student Account information, charges, payments, and balances are available on the online registration system found at www.SMSU.edu/Administration/BusinessServices

Students should be aware that books and supplies are estimated at \$500 per semester and plan accordingly.

Rates for tuition and fees are subject to change by action of the MnSCU Board of Trustees.

SMSU reserves the right to correct any clerical errors or inaccuracies.

Reciprocity Benefits

Notes:

See [Tuition and Fee Rates](#) for current reciprocity benefits.

Withdrawal

Withdrawal From a Course

Notes:

Students may withdraw from a course by using the online registration system. Students withdrawing from (dropping) a course after the drop/add period ends (see above), will not receive a refund for the course. The course will remain on your transcript with a grade of “W,” but it will not affect your grade point average. Students may withdraw from (drop) a class and receive a grade of “W” between the 5th and 50th instructional days of the fall and spring semester or between the 3rd and 10th instructional days of the summer session. After the 50th instructional day of the fall or spring semester or the 10th day of the summer session, you cannot drop a course and receive a grade of W (withdrawn). This includes those students withdrawing from the University. If you withdraw from (drop) a course after the drop/add period and after having financial aid applied, the “W” grade may affect your financial aid satisfactory academic progress. Please check with the Financial Aid Office (IL 145) before withdrawing from (dropping) a course if you are receiving financial aid.

**REFUND: Refunds for on-campus daytime courses dropped will be allowed only through the fifth (5th) instructional day of the semester.*

First five instructional days 100% refund

After fifth instructional day 0% refund

**REFUND: Refunds for off-campus and evening courses dropped:*

1st class meeting but before second . . . 100%

2nd class meeting and later 0%

Students enrolled in courses who are no longer attending SMSU must officially withdraw from the University by notifying the Advising Office, 148 Individualized Learning Building, 507-537-6245.

During Fall and Spring semesters from the 5th through the 50th instructional days you can withdraw from a course and receive a “W” grade. Contact the Office of Registration for summer withdrawal time periods.

Withdrawal From the University

Notes:

If you wish to withdraw entirely from the University during the academic semester, you must complete a University Withdrawal Form, that can be obtained at the Advising Center located in IL 148 phone 507-537-6245. Withdrawing students are encouraged to discuss their withdrawal plans with the Director of the Advising Office. The date of an official Withdrawal from the University is the earliest of the dates students began their Withdrawal process or date students otherwise provided official notice. Should you decide to return to the University at a later date, you may be considered for readmission, see the [Admission](#) page for information.

If you withdraw entirely from the University, refunds of tuition and fees will be made according to the following schedule:

Regular Academic Year On-Campus Courses

Date of Withdrawal Refund Allowed

The

Date of Withdrawal Refund Allowed:

1st through 5th business day	100%
6th through 10th business day	75%
11th through 15th business day	50%
16th through 20th business day	25%
After 20th business day	none

Summer Session*Date of Withdrawal Refund Allowed:*

1st through 5th business day	100%
6th through 10th business day	50%
After 10th business day	none

above refund schedule is set by the MnSCU Board and is subject to change.

Refunds of room and meals are pro-rated on the unused portion of the room and meals previously paid. Students withdrawing from the residence halls must withdraw at the appropriate Commons Building.

Students who are dismissed or expelled from the University because of conduct violations will be responsible for payment of all tuition, fees, and appropriate room and meal charges.

IF YOU RECEIVED FINANCIAL AID, YOUR WITHDRAWAL MAY INCUR REPAYMENT OBLIGATIONS.

Return of Title IV Federal Financial Aid

Notes:

The Federal formula requires a return of Title IV aid if you received Federal assistance in the form of a Pell Grant, ACG Grant, SMART Grant, Supplemental Education Opportunity Grant (SEOG), Federal Perkins Loan, Federal Stafford Loan or a PLUS Loan and withdrew on or before completing 60 percent of the semester. The Federal government mandates that if you withdraw from all classes, you may only keep the financial aid you have "earned" up to the time of withdrawal.

The Title IV funds that were disbursed in excess of the earned amount will be returned to the Federal government by the University. The amount to be returned to the University will be calculated from the date on which you officially withdrew.

If any funds are remaining after the return of Title IV aid, they will be used for repayment obligations for the University's funds, State funds and other private sources. If an unpaid balance(s) exists, all aid sources will be repaid before any funds are returned to you.

Determining Title IV Federal Aid Earned

Notes:

To determine the amount of aid you earned up to the time of withdrawal, the University will divide the number of calendar days you attended classes by the total number of calendar days in the semester (less any scheduled break of 5 days or more). The resulting percentage is then multiplied by the total Federal funds that were disbursed for the semester. This calculation determines the amount of aid that you are allowed to keep. The unearned amount of aid will be returned to the Federal government by the University. You will receive notification and a bill if there is a balance due.

Financial Aid

Financial aid is awarded on the principle that the basic financial responsibility rests with the student and his/her parents. When family resources are insufficient to meet the anticipated expenses of the school year, financial aid may be offered. Financial need means the difference between expenses and resources. The deadline for top consideration is approximately March 1 of each year. For complete information on the types of Financial Aid available, see the [Financial Aid page](#).

Scholarships

Notes:

Numerous scholarship opportunities are available through the Southwest Minnesota State University Foundation, thanks to the generosity of private donors. These scholarships are awarded according to criteria unique to each scholarship. Examples of these criteria include academic merit, financial need, the student's chosen major, athletic talent, and the student's potential for success.

Federal Perkins Loans

Notes:

Long-term loans are available at 5% simple interest per annum. Interest and repayment are deferred as long as the student carries at least a half-time credit load. When the student graduates or ceases to be enrolled half-time, a nine-month grace period follows before interest and

repayment begin. The maximum allowable repayment period is 10 years. Cancellation of all or part of the loan is available for certain types of teaching and for some military service.

College Work-Study

Notes:

A work-study award is an offer of potential earnings through on-campus employment. Students work a certain number of hours each week, are paid at a set hourly rate, and receive payment bi-monthly through University payroll until they have earned the amount of the original award. Work study recipients hold the primary responsibility of locating a job.

Federal Supplementary Educational Opportunity Grants (FSEOG)

Notes:

These grants are for a limited number of students with exceptional financial need as determined by federal income guidelines.

Federal PELL Grants

Notes:

The Federal PELL Grant Program stipulates that every eligible student is entitled to a certain amount of funds minus what the student's parents can contribute. These funds do not have to be repaid.

Academic Competitiveness Grants

Notes:

The Academic Competitiveness Grant program provides grants for the first year and second year of undergraduate study. The program became available for the first time for the 2006-07 school year for first year students who graduated from high school after January 1, 2006 and for second year students who graduated from high school after January 1, 2005. The eligible student must also be a U.S. Citizen, be eligible for a Federal Pell Grant, be enrolled Full-Time and have completed a rigorous secondary school program of study.

National Science and Mathematics Access to Retain Talent Grant or National SMART Grants

Notes:

The National SMART Grant program provides awards for each of the third and fourth years of undergraduate study. To be eligible to receive a National SMART Grant, you must: be a US citizen, be eligible to receive a Federal Pell Grant, be enrolled as a fulltime third or fourth year student in a baccalaureate degree program, have a 3.0 cumulative grade point average, and be enrolled in an eligible major in one of the following categories: Computer Science, Engineering, Critical Foreign Languages, Life Sciences, Mathematics, Physical Sciences, Technology, or Multidisciplinary Studies.

TEACH Grant

Notes:

To be eligible for the TEACH Grant, students must be completing coursework to begin a career in teaching. Current, former, or retired teachers must be either in a Master's degree program or pursuing an alternative certification in a Master's program. New students must obtain an admission test score above the 75th percentile. Current students must maintain at least a 3.25 cumulative grade point average. Students are eligible for up to \$4,000 per year. The grant funds could be reverted to loan funds if the student does not teach for 4 years within 8 years of program completion and is not a full-time teacher in a high need field in a low-income school.

Minnesota State Scholarship and Grant-in-Aid Program

Notes:

Awards are made each year by the Minnesota Office of Higher Education to Minnesota residents who qualify.

Minnesota Achieve Scholarship

Notes:

The Minnesota Achieve Scholarship provides financial assistance to eligible Minnesota high school graduates who have completed any one of four sets of rigorous programs of study while in high school or in a home-school setting.

Eligible students who graduated from a Minnesota high school after January 1, 2008 can receive a one-time scholarship of up to \$1,200 depending on availability. To be considered eligible, the student's family must have submitted a FAFSA form and have a "\$0" Estimated Family Contribution (EFC).

The application <<https://www.ohe.state.mn.us/ssl/MAS/App.cfm>> must be accompanied by a complete official high school transcript and any additional documentation to confirm the applicant has graduated from a high school located in Minnesota after January 1, 2008 and has completed one of the rigorous programs of study.

Federal Stafford Student Loans

Notes:

Long term loans are available for Undergraduate Students as either Subsidized Stafford Loans or Unsubsidized Stafford Loans. For Graduate students the Subsidized Stafford Loan and the Unsubsidized Stafford Loans are available. The Unsubsidized Stafford Loan will have interest accruing while the student is in school. Repayment of principal is deferred as long as the student carries at least a half-time credit load. When the student graduates or ceases to be enrolled at least half-time, a six-month grace period follows before repayment of principal and interest begin.

Athletic Awards

Notes:

Interested athletes should check with the appropriate coach regarding Men's Athletic Talent Grants and Women's Athletic Talent Grants.

Employment Opportunities

Notes:

In addition to work-study, the Financial Aid Office maintains a listing of on-campus, non-work-study employers who may have part-time openings for students. No special application is required. For additional information, students may call or write:

Office of Student Financial Aid

Southwest Minnesota State University

1501 State Street

Marshall, MN 56258

Phone: (507) 537-6281

Information regarding off-campus employment opportunities may be obtained by writing or calling:

Career Services

Southwest Minnesota State University

1501 State Street

Marshall, MN 56258

Phone: (507) 537-6221

Application Procedure for Financial Aid

The student must first apply for admission to the University. Students and the parents of dependent students should apply for a PIN (Personal Identification Number) at www.pin.ed.gov. This PIN will serve as an electronic signature for financial aid purposes. The student and parents must then complete and submit the Free Application for Federal Student Aid (FAFSA). The FAFSA form is available online at www.fafsa.ed.gov, a paper version may be obtained from high school counselors or from the Financial Aid Office. Students must also complete the SMSU Application for Financial Aid application, available on the SMSU website at www.SMSU.edu or from the Financial Aid and Admission Offices.

Important: To receive priority consideration, students should submit applications by March 1. Applications will be processed after this date, and awards will be announced in May (pending Federal and/or State appropriations). Regional and area financial aid seminars for students, parents, and guidance counselors are given by Southwest State Minnesota University staff members to acquaint participants with the types of aid available and to instruct them in completing applications. Orientation programs for new students (entering freshmen and transfer students) are scheduled prior to the opening of the fall semester to acquaint students with University policies and procedures. Program requirements may be changed by state and federal statute.

Financial Aid Satisfactory Academic Progress

To be eligible for Federal or State Financial Aid, students must maintain certain academic progress standards. To receive aid in any given year, students must have met specific standards in the previous year even if they did not receive Financial Aid in the previous year. The policy is available from the Financial Aid Office or on the SMSU Web site at www.SMSU.edu.

Education: Graduate**Post-Graduate: Education Specialist: Educational Administration & Leadership(36 Credits)****A. Education Specialist Core: (27 Credits)**

ED 670	Introduction to Leadership and Educational Issues	Credits: 3
ED 674	Education Systems and Organizations	Credits: 3
ED 675	Legal Issues and Special Education Law	Credits: 3
ED 676	Data Driven Decision Making	Credits: 3
ED 678	Instructional Leadership for all Learners	Credits: 3
ED 679	Financial and Resource Management	Credits: 3
ED 681	Transforming Principals & Perspectives	Credits: 3
ED 691	Change Agents in the 21st Century	Credits: 3
ED 695	Supervision and School Relationships	Credits: 3
ED 698	Ed Specialist Action Research and Paper	Credits: 0

B. Portfolio Courses: (3 Credits)

ED 671	Portfolio Development	Credits: 1
ED 672	Portfolio Implementation	Credits: 1
ED 673	Portfolio Capstone	Credits: 1

C. Research Seminars and Field Experiences: (6 Credits)

ED 684 Specialist	Research Seminar & Field Exp 1: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3
ED 685 Specialist	Research Seminar & Field Exp 2: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3

D. Emphasis Area (9 Credits)**1. Superintendent Emphasis:**

ED 682	Transforming Superintendents & Perspectives	Credits: 3
ED 684 Supt., Ed Specialist	Research Seminar & Field Exp 1: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3
ED 685 Supt., Ed Specialist	Research Seminar & Field Exp 2: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3

2. Special Education Director Emphasis:

ED 683	Transforming Special Education Director Perspectives and SPED Law	Credits: 3
ED 684 Supt., Ed Specialist	Research Seminar & Field Exp 1: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3
ED 685 Supt., Ed Specialist	Research Seminar & Field Exp 2: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3

Total Credits: **36****Master of Science: Education(34-53 Credits)**

All M.S. in Education Candidates take the

A. Professional Education Core (19 credits) and

B. Professional Field Emphasis Courses (15-18 credits) in one area.

A. Professional Education Core: (19 Credits)

ED 622	Research in Education	Credits: 3
ED 623	Professional Planning & Assessment	Credits: 2
ED 624	Research Project Design	Credits: 3
ED 625	21st Century Based Teaching and Learning	Credits: 3
ED 627	Action Research: Project Implementation	Credits: 1 - 2
ED 632	Linking Pedagogy and Content	Credits: 3
ED 635	Content and Curriculum Development	Credits: 3

B. Professional Field Emphasis: (15-18 Credits)

Notes:

Select one emphasis:

1. Professional Field Emphasis in Teaching, Learning, and Leadership:

ED 621	Critical Theory of Educational Systems	Credits: 3
ED 626	Democracy, Diversity, and Leadership	Credits: 3
ED 631	Professional Learning Communities	Credits: 3
ED 633	Trends and Issues in Education	Credits: 3
ED 634	Educators as Change Agents	Credits: 3

2. Professional Field Emphasis/K-12 Licensure in Reading:

ED 502	Early Literacy and Linguistics	Credits: 3
ED 546	Advanced Developmental Reading Methods & Research	Credits: 3
ED 547	Teaching of Literacy	Credits: 3
ED 550	Reading Assessment & Evaluation	Credits: 3
ED 551	Differentiation in Reading Instruction	Credits: 3

3. Professional Field Emphasis in English:

ENG 670	Digital Writing Seminar	Credits: 4
ENG 675	Rhetoric, Literacy, and the Teaching of Writing	Credits: 4
ENG 680	Autoethnography and the Teaching of Writing	Credits: 2
LIT 622	19th & 20th Century British Literature Survey	Credits: 4
LIT 632	American Literature Survey	Credits: 4

4. Professional Field Emphasis in Math:

MATH 510	Advanced Number Theory	Credits: 3
MATH 530	Statistics	Credits: 3
MATH 545	Advanced Geometry	Credits: 3
MATH 550	Real Analysis	Credits: 3
MATH 5XX	Math Electives	Credits: 6

5. Professional Field Emphasis in K-12 Teaching English as a Second Language (LICENSE)

Notes:

All 9 courses are required for Master's Degree and TESL License.

ED 502	Early Literacy and Linguistics	Credits: 3
ED 547	Teaching of Literacy	Credits: 3
TESL 531	Foundations of Teaching ESL & Lab	Credits: 3
TESL 532	Understanding Second Language Acquisition	Credits: 3
TESL 533	Assessment in TESL	Credits: 3
TESL 534	Second Language Literacy & Linguistics	Credits: 3
TESL 535	TESL Methods & Lab	Credits: 3
TESL 536	TESL Partnerships	Credits: 3
TESL 537	TESL Practicum (Teaching ESL Practicum)	Credits: 3

6. Professional Field Emphasis in Sports Leadership:*a. Required Courses*

PE 578	Recreation and Sport Management	Credits: 3
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Choose one of the following:

MBA 660	Legal and Ethical Environment of Business	Credits: 3
PE 588	Legal Aspects in Recreation & Sport	Credits: 3

b. Sports Leadership Strands:

Notes:

Select three courses from one strand

Coaching and Teaching Strand

ED 680	Organizational Management & Leadership in Academic Settings	Credits: 3
PE 550	Practicum in Teaching	Credits: 3
PE 584	Planning Facilities for Physical Activities	Credits: 3
PE 585	GS:Biomechanical Analysis	Credits: 3

Leadership and Management Strand

MBA 603	Organ & Managerial Behav	Credits: 3
MBA 610	Interpersonal and Managerial Skills in Organizations	Credits: 3
MBA 651	Leadership & Team Mgmt	Credits: 3
MBA 653	Human Resource Management	Credits: 3
Sales and Marketing Strand		
MBA 511	Integrated Marketing Communications	Credits: 3
MBA 541	Marketing Research	Credits: 3
MBA 607	Strategic Marketing Management	Credits: 3
PE 589	Sports Marketing, Promotion, and Consumer Behavior	Credits: 3

7. Professional Field Emphasis in Other Content Disciplines:

Notes:

This program is available in partnerships with regional accredited universities. Please contact the School of Graduate Studies for more information. GraduateStudies@SMSU.edu

Total Credits: **34-53****Graduate Licensures**

Graduate-level licensure only options are available in the following areas:

- Administrative
- Reading
- TESL

For information on these licensures, visit the School of Graduate Studies web page: www.SMSU.edu/graduatestudies/?id=8290

Graduate Certificate: Autism Spectrum Disorders(12 Credits)Total Credits: **12****Graduate Certificate: K-12 Principal(36 Credits)**

A. Education Core: (27 Credits)

ED 670	Introduction to Leadership and Educational Issues	Credits: 3
ED 674	Education Systems and Organizations	Credits: 3
ED 675	Legal Issues and Special Education Law	Credits: 3
ED 676	Data Driven Decision Making	Credits: 3
ED 678	Instructional Leadership for all Learners	Credits: 3
ED 679	Financial and Resource Management	Credits: 3
ED 681	Transforming Principals & Perspectives	Credits: 3
ED 691	Change Agents in the 21st Century	Credits: 3
ED 695	Supervision and School Relationships	Credits: 3

B. Portfolio Courses (Choose one): (3 Credits)

ED 672	Portfolio Implementation	Credits: 1
ED 673	Portfolio Capstone	Credits: 1

C. Research Seminars and Field Experience Courses: (6 Credits)

ED 684	Research Seminar & Field Exp 1: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3
ED 685	Research Seminar & Field Exp 2: Principal, SPED Dir., Supt., Ed Specialist	Credits: 3

Total Credits: **36****Course Descriptions**

CRED 410 Instructional Strategies for Community & Technical Colleges **Credits: 2**

This course is designed to prepare teachers to improve student learning in community and technical colleges. The course will provide students with an overview of the historical, social, and current direction of adult learning theory. It will also explore a variety of traditional and innovative modes of instruction that could be effectively used in the instruction of adults.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

CRED 420 Assessment & Evaluation of Student Learning for Community & Tech Colleges **Credits: 2**

This is a two-credit undergraduate/graduate course with a focus on both improving and promoting learning in community and technical colleges. A variety of traditional and innovative assessment and evaluation strategies/methods will be addressed that will enhance teaching and learning as a dynamic process to foster student learning. This course will focus on the construction, interpretation, use, and evaluation of student assessment/evaluation methods and tools based on the course/discipline/program outcomes in concert with theoretical assumptions that give meaning to such methods.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

CRED 430 Curriculum Planning & Design for Community & Technical Colleges **Credits: 2**

This is a two-credit undergraduate/graduate course focused on the development of curriculum and the instructional design of courses within a curriculum in community and technical colleges. Emphasis will be on curriculum and course development focused on educational outcomes and adult learning theory.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

CRED 440 Advanced Practicum **Credits: 3**

This course is designed to allow students the opportunity to fully incorporate the skills acquired from the three CRED classes listed below into a professional classroom setting at the Community College or Technical College. The setting may be traditional, online, or a hybrid format. The practicum will allow the student to demonstrate their abilities to implement 1)Active Learning Strategies, 2)Assessment, and 3)Course Design skills in their own discipline under the guidance of a master teacher. There will be a minimum of 60 hours required for the completion of the class. The successful completion of this course will also enable the students to receive a "Certificate for Teaching at the Community and Technical College."

Pre-Requisites: (CRED_410 AND CRED_420 AND CRED_430) OR (AE_420 AND AE_430 AND AE_410) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

CRED 510 Instructional Strategies for College & Technical Colleges **Credits: 2**

This course is designed to prepare teachers to improve student learning in community and technical colleges. The course will provide students with an overview of the historical, social, and current direction of adult learning theory. It will also explore a variety of traditional and innovative modes of instruction that could be effectively used in the instruction of adults.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

CRED 520 Assessment & Evaluation of Student Learning for Community & Tech Colleges **Credits: 2**

This is a two-credit undergraduate/graduate course with a focus on both improving and promoting learning in community and technical colleges. A variety of traditional and innovative assessment and evaluation strategies/methods will be addressed that will enhance teaching and learning as a dynamic process to foster student learning. This course will focus on the construction, interpretation, use, and evaluation of student assessment/evaluation methods and tools based on the course/discipline/program outcomes in concert with theoretical assumptions that give meaning to such methods.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

CRED 530 Curriculum Planning & Design for Community & Technical Colleges **Credits: 2**

This is a two-credit undergraduate/graduate course focused on the development of curriculum and the instructional design of courses within a curriculum in community and technical colleges. Emphasis will be on curriculum and course development focused on educational outcomes and adult learning theory.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 095 Preparing for the Spanish Licensure Tests **Credits: 1**

This elective course will help students review and prepare for the standardized examination for Spanish teaching licensure (Praxis: Spanish Content Knowledge and Productive Language Skills). Students will become familiar with the test content and learn about the test format. Special emphasis will be given to prepare students to succeed on the speaking section of the licensure tests. Students will practice test-taking strategies specifically for the purpose of improving scores on this section of the licensure tests.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 101 Introduction to Education and Lab **Credits: 3**

An introduction to early childhood, elementary, and secondary education for students interested in teaching. Students will explore their potential for teaching in light of admission criteria and licensure requirements. Includes study of historical and social foundations of education topics such as inquiry into the teaching and learning process, schools in a multicultural and diverse society, the profession of teaching principles of cooperative group learning and cultural differences, communication, and stereotyping. Fifteen hours of field experience is included.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 102 Tech:Classroom Applications & Portfolio **Credits: 2**

The focus of this course is educational uses of technology. Students will explore computer applications as tools for their own learning, as well as the ethics of electronic communications, and will begin developing a Teacher Education portfolio using LiveText software.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 115 Understanding & Preventing Violence & Abuse **Credits: 1**

This course introduces facts, concepts, and theories that provide a foundation for understanding the kinds of violence and abuse that may occur in society. Topics include violence in dating relationships, acquaintance

rape, partner abuse and rape, child abuse and incest, and elder

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 200 Introduction to Education Lab

Credits: 1

ED 200 provides a field experience for early childhood, elementary, and secondary education students interested in the teaching profession. It is intended for students who need an introductory field experience. The lab involves a minimum of 15 hours assisting in a classroom.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 220 ELA (English Language Arts) Methods & Assessment

Credits: 3

The course enables the early childhood and elementary teacher to improve communication proficiency as language develops in the child from birth through adolescence. With inclusion of the ELA literacies: reading, writing, listening, speaking, viewing, and visually representing, the focus of the content of English language arts includes: literature, writing, vocabulary, spelling, grammar, phonics, and handwriting. This course explores the process of language development and appropriate strategies to stimulate and encourage the continuation of language growth, and includes focus on understanding interrelationships among culture, language, and thought, with emphasis on diversity and the needs of English learners (ELs). Students will complete an informal (self-paced) eight-hour field experience.

Pre-Requisites: (ED_101 AND ED_102) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

ED 251 Introduction to Child Growth & Development

Credits: 3

This is an introductory study of child growth and development from conception through adolescence with a concentration on the physical, cognitive, and social-emotional domains of development. Emphasis areas of the course include: historical foundations and theories associated with the study of child development, the research process, the implications of teaching and learning, student diversity and pertinent topics associated with the possible effect of environment and behavior on prenatal development through adolescence.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 275 Foundations: Parent-Child Relationships

Credits: 2

Exploration of parent-child relationships within diverse family and cultural settings. Examination of parenting styles, attitudes, and behaviors and their effects on children's development.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 286 Special Topics in Education

Credits: 1 - 4

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 292 Honors Credit in Education

Credits: 1 - 3

An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other

Education course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 296 Workshop in Education

Credits: 0 - 4

Special workshops created and designed according to the needs of the participants. Offered in different formats and time spans.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 301 The Teaching & Learning Process & Lab

Credits: 3

This required course for all secondary (5-12/K-12) licensure students addresses instructional strategies and assessment, diversity and exceptionality, classroom management, and home-school-community relationships. Students plan for and teach in clinical settings at nearby secondary schools.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 301L The Teaching & Learning Process Lab

Credits: 0

This required course for all secondary (5-12/K-12) licensure students addresses instructional strategies and assessment, diversity and exceptionality, classroom management, and home-school-community relationships. Students plan and teach in clinical settings at nearby secondary schools.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 302 Developmental Reading Methods/ Assessment & Lab

Credits: 3

This course addressed the total spectrum of a diverse P-6 developmental literacy program; study of phonemic, graphemic, and semantic systems, as well as strategies for teaching skills to diverse learners; and 15 hours of classroom visits with structured assignments for teaching reading skills to diverse children in P-6 is required.

Pre-Requisites: ((ED_220)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 304 Professional Development & Classroom Applications

Credits: 1

This required course will help the teacher education student begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussions and activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience (all majors).

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 304L Pre-Student Teaching Experience Practicum

Credits: 0 - 1

This required lab will provide guidance to teacher candidates as they complete 10 full days of Pre-Student Teaching Experience (PSTE) and Education Teacher Performance Assessment (EdTPA) requirements. Students will be required to actively participate in a school setting by teaching lessons and engaging in day-to-day functions of the classroom. Additionally students will complete Tasks 1, 2, and 3 of EdTPA.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 312 Human Relations for Teachers**Credits: 3**

Covers concepts and ideas which enable students to recognize and identify oppression, discrimination, and racism, along with learning techniques for building a community of teachers and learners in a pluralistic society with its great variety of cultures, value systems, and life styles. Includes study of American Indian language, history, government and culture.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 315 Play & Creative Activities & Lab**Credits: 3**

Emphasis will be on constructivist approaches to hands-on creative activities, expressive arts, and discovery learning for young children that is inclusive. Facilitating children's development through planning implementing, and evaluating learning experiences in the visual arts, music, movement, dance, and dramatic play will be the heart of this integrated curriculum course. A lab experience is included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 318 Kindergarten Methods & Materials**Credits: 3**

In order to teach young children it is necessary to be familiar with patterns of growth concerning physical, mental, social, emotional, and aesthetic development of this age group. And to know both methods and materials is essential in order to create a living/learning environment where children can experience the best possible educational program.

Pre-Requisites: (ED_101) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ED 330 Curriculum, Methods, & Assessments in Early Childhood & Lab**Credits: 3**

The course focuses on various developmentally appropriate and best curricula in the field of early childhood education in which instructional strategies, theories of curriculum development, and integrated curriculum for traditional/thematic types, to newer experimental and/or research-based models are explored. Approaches to anti-bias curriculum and inclusion of all children will be studied. A lab experience is included.

Pre-Requisites: ((ED_315)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 331 Infants and Toddlers**Credits: 3**

This course develops a framework for establishing and maintaining high quality programs for infants and toddlers and their families. Students will develop techniques for care giving, facilitating learning, and assessment that are developmentally appropriate and culturally sensitive. Attention to infants and toddlers with special needs is included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 344 Elementary Social Sciences Methods and Lab**Credits: 3**

This course includes the study of standards, teaching strategies, and assessments for social studies concepts at the preprimary, kindergarten, and elementary levels for PreK-6 diverse learners. Early Childhood and

Elementary education majors teach social studies content and skill objectives during a 15 hour lab experience in an elementary school for K-6 diverse learners.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 345 Social Studies/Classroom Management & Lab

Credits: 3

This course includes study of teaching strategies and assessments for social studies concepts at preprimary, kindergarten, and elementary levels, and study of children's literature for preprimary, kindergarten, and elementary levels, and study of children's literature for preprimary, kindergarten, and elementary levels, with emphasis on diversity. Admission to Teacher Education Program is required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 346 Children's Literature

Credits: 2

Includes study of children's literature at pre-primary, kindergarten, and elementary levels, with emphasis on diversity.

Pre-Requisites: ((ED_101 AND ED_102 AND ED_251) OR (ED_101 AND PSYC_341)) **Course**

Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 361 Mathematics Methods/Assessments & Lab

Credits: 3

This course focuses on the central concepts and tools of inquiry for effective standards-based teaching and learning of mathematics from pre-kindergarten through grade 8. The course will address concept development, skill attainment, problem solving, lesson planning, assessment procedures, and techniques for accommodating different learning styles. Fifteen hours of classroom visits for guided practice and teaching a unit using appropriate methods for diverse learners are included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 363 Science Methods and Assessment & Lab

Credits: 3

This course focuses on the central concepts and tools of inquiry for effective standards-based teaching and learning of science from pre-kindergarten through grade 8. This course will address concept development, skill attainment, problem solving, lesson planning, assessment procedures, and techniques for accommodating different learning styles. Fifteen hours of classroom visits for guided practice and teaching a unit using appropriate methods for diverse learners are included.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 402 Early Literacy and Linguistics and Lab

Credits: 3

This course is an introduction to early literacy and linguistics, which is the scientific study of language. The theory of linguistics and teaching methods will be investigated. Topics taught in this course are language

development, including the sounds of language and how they are produced (phonology), the structure of words (morphology), sentence structure (syntax), and how meaning is expressed (semantics). Early literacy topics addressed in this courses include concepts about print, alphabetic principle, phonemic awareness, phonics, spelling, fluency, and written language. Emphasis will be placed on teaching techniques, strategies, and assessment tools used to instruct beginning readers, with special focus on the need to differentiate instruction to accommodate the needs of all learners, particularly the struggling reader and students for whom English is a second language. Students will complete a 15 hour lab placement as part of this class.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 405 Secondary Methods: Language Arts

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching language arts to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

ED 406 Secondary Methods: Mathematics

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching mathematics to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 407 Secondary Methods: Science

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching science to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 408 Secondary Methods: Social Science

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching the social sciences to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

ED 409 K-12 Methods: World Languages & Cultures in Spanish

Credits: 4

Learners will investigate language as a system, first and second language acquisition theory, developmental and cultural considerations, child/adolescent literature, curriculum/lesson development, standards-based assessment practices, and teaching/learning strategies (including technological) for diverse students. Spanish vocabulary related to the course content will be included. The learners will develop thematic/integrated teaching materials and practice using them to teach Spanish (listening, speaking, reading and writing skills and cultural understandings) in school settings. The course will be taught with a combination of online and on-site experiences.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 411 Middle Level Methods: Communication Arts/Literature

Credits: 2

An introduction to the special literacy needs of diverse middle level students with specific focus on reading, writing, speaking, and listening methods for middle school teachers. The course provides pre-service teachers

with the background to work with diverse middle level students and to develop a working knowledge of Communication Arts/Literature with the appropriate research base and strategies. Classroom and evaluation procedures and technology appropriate for diverse middle level students will be studied. Five classroom visits are included in the course. Admission to the Teacher Education Program required.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

ED 412 Middle Level Methods: Mathematics

Credits: 2

Study of rationale, curriculum, and special methods relevant to teaching mathematics to diverse students, grades 5-8. Five classroom visits are included in the course. Admission to Teacher Education program required.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 413 Middle Level Methods: Science

Credits: 2

Study of rationale, curriculum, and special methods relevant to teaching science to diverse students, grades 5-8. Five classroom visits are included in the course. Admission to Teacher Education program required.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 414 Middle Level Methods: Social Science

Credits: 2

Study of rationale, curriculum, and special methods relevant to teaching social science to diverse students, grades 5-8. Five classroom visits are included in the course. Admission to Teacher Education program required.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

ED 415 K-8 Methods: World Languages and Cultures-Spanish

Credits: 2

Learners will investigate language as a system, first and second language acquisition theory, developmental and cultural considerations, child/adolescent literature, curriculum/lesson development, standards-based assessment practices, and teaching/learning strategies (including technological) for diverse students. Spanish vocabulary related to the course content will be included. The learners will develop thematic/integrated teaching materials and practice using them to teach Spanish (listening, speaking, reading and writing skills and cultural understandings) in school settings. Required preparation: at least one Spanish course at the 300 level, Admission to Teacher Education program.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ED 422 Pre-Student Teaching Experience

Credits: 1

Must be successfully completed by elementary, secondary, and K-12 Education candidates prior to student teaching. Goals include practicing knowledge, skills, and dispositions that support learning by P-12 students in a classroom setting, and assessing readiness for student teaching. A minimum of 10 days is required. Prerequisites: No Fs or IPs on transcript; completion of appropriate methods courses; 2.8 GPA in Education and specialty courses; grade of C or higher in all Education and specialty courses.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 423 Classroom Management Theories & Practices & Lab

Credits: 3

Provide education majors an understanding of the principles of effective classroom management and an opportunity to use a range of strategies to promote positive relationships, cooperation, and purposeful learning

in the classroom; grow in their knowledge on how to create learning environments that contribute to the self-esteem of all persons and to positive personal relations, establish a positive climate in the classroom and participate in maintaining a positive climate in the school as a whole. Participants will professionally grow in their development of skills necessary to lead with confidence, compassion, creativeness and commitment and team planning and teaching with multi-age grouping for K-6 diverse learners. Elementary and Early Childhood Education majors team-plan and team-teach content and skill objectives during a special two day "clinical lab experience" in a nearby elementary school for K-6 diverse learners.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 430 Reading in the Content Areas

Credits: 2

This course provides a study of methods for developing reading comprehension, strategies, and study skills for the acquisition of new content in a given discipline.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 439 Action Research/Philosophy of Education

Credits: 2

Students use the inquiry process to investigate a curriculum, school, or community topic, and under the guidance of the University instructor and school personnel cooperatively develop and implement a plan of action and present the results. Students also prepare a philosophy of education statement for their working portfolio and present it in an exit interview.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 443 Action Research I

Credits: 2

Students will prepare their philosophy of education for their working portfolio, and present it in class. Students will use the inquiry process to design an action research project and complete a literature review. The action research project will be completed during ED 444 (Action Research II).

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 444 Action Research II

Credits: 1

Under the guidance of the University instructor and school personnel, students will cooperatively develop and implement an action research project, and will present the results in a university-wide presentation.

Pre-Requisites: ((ED_443)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 446 Advanced Developmental Reading Methods & Research

Credits: 3

This course develops knowledge and strategies in planning and teaching reading, phonics, and writing in grades K-8. Curriculum methods and organization of the reading program are explored in the context of best current practice and professional reading standards.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

ED 447 Teaching of Literacy

Credits: 3

This course will help the teacher construct a framework for supporting content area literacy instruction. The course will focus on assisting teachers in developing reading and writing methods, strategies, and procedures

for the 5-12 students.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

ED 450 Reading Assessment & Evaluation

Credits: 3

This course focuses on assessment of the reading development of individual students and groups of students and the selection of strategies, materials, and instruction for students with a wide range of reading backgrounds and skills.

Pre-Requisites: (ED_402) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 451 Differentiated Reading Instruction

Credits: 3

This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students.

Pre-Requisites: (ED_402) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 453 Assessment in Education

Credits: 2

This required course will enable teacher candidates to understand and be able to use formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the student.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 455 Leadership Issues in Early Childhood

Credits: 3

This course focuses on the exploration, discussion, and critical analysis of contemporary issues regarding children, families, and early childhood programming. Areas will include advocacy understanding legislation, rules, and regulations child abuse parenting roles and professionalism.

Course Frequency: *Fall: N/A Spring: All Years Summer: All Years*

ED 456 Practicum in ECE Leadership

Credits: 2

Candidates will complete a supervised field experience in an agency that serves young children and their families. Candidates will have opportunities to understand the infrastructure of the Early Childhood field and to demonstrate professional and ethical behaviors.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 461 Educational Studies Practicum

Credits: 1 - 12

Students will complete an extended supervised field experience in an organized setting serving children ages Birth - 18. Course is repeatable up to 12 credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 462 Student Teaching: Birth - Grade 3

Credits: 12

A supervised semester-long field experience evaluated by a classroom supervisor and a University supervisor,

in Birth-Grade 3 classrooms, required for ECE licensure fields. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 463 Student Teaching: PreK - Grade 6

Credits: 12

A supervised semester-long field experience in pre-K - Grade 6 classrooms for Elementary Education licensure fields, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 464 Student Teaching: K - Grade 8

Credits: 12

Supervised, semester-long field experience in K-Grade 8 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 465 Student Teaching: Varied Placement

Credits: 12

Enrollment is restricted to student teaching in Common Market or UTEP, or to double majors. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 466 Student Teaching: K - Grade 12

Credits: 12

Supervised semester-long field experience, required for K-12 licensure fields, in kindergarten-Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 467 Advanced Student Teaching

Credits: 6

For students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. A partial semester of supervised practice teaching in an elementary or secondary school.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 468 Advanced Practicum

Credits: 6

For licensed teachers who are adding a second or third, etc., licensure field. A partial semester of supervised teaching in an elementary or secondary school.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 469 Student Teaching: Grade 5 - 12

Credits: 12

Supervised semester-long field experience in Grade 5-12 classrooms, required for 5-12 licensure fields, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education

program outcomes and present a portfolio presented at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 471 Global Student Teaching at SMSU & Seminar **Credits: 1 - 12**

Supervised global student teaching field experience, required for education licensure fields, in kindergarten-Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference. Admission to Teacher Education Program is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 472 Extended Student Teaching **Credits: 6 - 12**

This extended student teaching experience will allow teacher candidates further experience in student teaching to demonstrate proficiency in preparation for licensure with the implementation of the edTPA - Teacher Performance Assessment. Special Permission Required.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 477 Working with At-Risk Youth **Credits: 3**

This course explores the predictive factors linked to academic problems and risk behaviors in youth. It is also an evaluation of theories, models, research, and practices as they relate to working with youth in alternative schools, residential settings, and non-familial homes. Other topics of study include common risk behaviors among youth, intervention and prevention programs for at-risk youth, behavior and crisis management, and differential outcomes for youth at risk.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 478 Coordination of Services for At-Risk Youth **Credits: 3**

This course focuses on the collaborative efforts among agencies serving at-risk youth. Major topics will include collaboration models, initiatives, and structures; benefits of and barriers to effective inter-agency collaboration; community resource mapping and capacity building; information sharing and confidentiality; as well as cultural competency within the context of a service system. Students will also gain a broad understanding of the services and programs designed to assist youth at risk.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 481 Best Practices in Course Development **Credits: 3**

This course investigates the best practices in course development. Participants will investigate multiple intelligences theory, research in brain development and learning theory, the use of graphic organizers, and other tools to improve student achievement.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 482 Best Practices in Online Teaching **Credits: 3**

This course focuses on the development of best practices in online teaching. Participants will investigate the roles of the online instructor, the online student, and the integration of technology in creating a successful

online learning experience.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 483 Teaching with Technology**Credits: 3**

This course looks at best practices in the integration of technology into classroom teaching. A variety of tools and applications will be explored in the context of specific content areas and age levels from pre-K through college level teaching.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 486 Special Topics**Credits: 1 - 2**

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 488 Assistantship**Credits: 1 - 3**

Tutoring of other students in the Learning Center, assisting Education Department instructors in the development of competencies or completing projects related to the student's interest.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 489 Field Experience with Special Needs Students**Credits: 1 - 3**

Field experience designed by a requesting student with a faculty member who has agreed to help structure and supervise this experience with special needs pupils. A-N grade.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 494 Independent Study**Credits: 1 - 3**

This course allows students to do an in-depth, independent study exploration for a better understanding of a particular area of education.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 495 Education in a Global Society**Credits: 3**

Education in a Global Society will focus on education systems around the world, making comparisons to education in the United States. This course promotes opportunities beyond the classroom, providing university students with an opportunity to visit another country and culture while enhancing their critical and creative thinking. University students will research the destination community before venturing there to teach in a K-12 school as well as prepare and implement a community service project in effort to be a concerned and active global citizen.

Pre-Requisites: (ED_101) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

ED 499 Internship - Field Experience - Field Study**Credits: 1 - 12**

Field experience designed by the requesting student and the faculty member who has agreed to help structure

and supervise the experience.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 502 Early Literacy and Linguistics

Credits: 3

This course is an introduction to early literacy and linguistics, which is the scientific study of language. The theory of linguistics and teaching methods will be investigated. Topics taught in this course are language development, including the sounds of language and how they are produced (phonology); the structure of words (morphology); sentence structure (syntax); and how meaning is expressed (semantics). Early literacy topics addressed in this courses include concepts about print, alphabetic principle, phonemic awareness, phonics, spelling, fluency, and written language. Emphasis will be placed on teaching techniques, strategies, and assessment tools used to instruct beginning readers, with special focus on the need to differentiate instruction to accommodate the needs of all learners, particularly the struggling reader and students for whom English is a second language.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 546 Advanced Developmental Reading Methods & Research

Credits: 3

This course develops knowledge and strategies in planning and teaching reading, phonics, and writing in grades K-8. Curriculum methods and organization of the reading program are explored in the context of best current practice and professional reading standards.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 547 Teaching of Literacy

Credits: 3

This course will help the teacher construct a framework for supporting content area literacy instruction. The course will focus on assisting teachers in developing reading and writing methods, strategies, and procedures for the 5-12 students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 550 Reading Assessment & Evaluation

Credits: 3

This course focuses on assessment of the reading development of individual students and groups of students and the selection of strategies, materials, and instruction for students with a wide range of reading backgrounds and skills.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 551 Differentiation in Reading Instruction

Credits: 3

This course provides students with the opportunity to apply effective reading practices with elementary, middle level and high school students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 577 Working with At-Risk Youth

Credits: 3

This course explores the predictive factors linked to academic problems and risk behaviors in youth. It is also an evaluation of theories, models, research, and practices as they relate to working with youth in alternative

schools, residential settings, and non-familial homes. Other topics of study include common risk behaviors among youth, intervention and prevention programs for at-risk youth, behavior and crisis management, and differential outcomes for youth at risk.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 578 Coordination of Services for At-Risk Youth **Credits: 3**

This course focuses on the collaborative efforts among agencies serving at-risk youth. Major topics will include collaboration models, initiatives, and structures; benefits of and barriers to effective inter-agency collaboration; community resource mapping and capacity building; information sharing and confidentiality; as well as cultural competency within the context of a service system. Students will also gain a broad understanding of the services and programs designed to assist youth at risk.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 581 Best Practices in Course Development **Credits: 3**

This course investigates the best practices in course development. Participants will investigate multiple intelligences theory, research in brain development and learning theory, the use of graphic organizers, and other tools to improve student achievement.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 582 Best Practices in Online Teaching **Credits: 3**

This course focuses on the development of best practices in online teaching. Participants will investigate the roles of the online instructor, the online student, and the integration of technology in creating a successful online learning experience.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 583 Teaching with Technology **Credits: 3**

This course looks at best practices in the integration of technology into classroom teaching. A variety of tools and applications will be explored in the context of specific content areas and age levels from pre-K through college level teaching.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 586 Graduate Topics in Education **Credits: 1 - 3**

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 594 Graduate Independent Study **Credits: 1 - 3**

Additional work in a particular area, in-depth study or related projects.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 596 Graduate Workshop in Educ **Credits: 1 - 4**

Expands and strengthens the teacher's ability to develop an in-depth understanding of Reading Recovery

practices and theory in order to teach and accelerate the learning of individual children. Classroom instruction is coordinated with the individual instruction of four at-risk students in an integrated field experience. The second semester focuses on understanding the theoretical background of Reading Recovery, analyzing and refining teaching decisions, and becoming reflective teachers.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 599 Internship/Field Experience/Study

Credits: 1 - 8

Field experience designed by requesting student and the faculty member who has agreed to help structure and supervise the experience.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 600 Research Seminar

Credits: 1

This course will assist the graduate student in the American Psychological Association (APA) publication style, choosing a research topic, conducting a review of literature, and organizing an action research project, the capstone activity for the graduate program.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 610 Professional Development for Meaningful Learning

Credits: 3

Students will identify the cultural and historical influences and knowledge and belief systems which shape, and continue to shape, educational organizations, processes, and individual actions. Students will investigate the concepts and skills used in educational research and evaluate research methodologies. Students will initiate a portfolio as a means of demonstrating professional competencies. Technology will be an integral component in the research and portfolio process.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 614 Critical Analysis of Teaching and Learning

Credits: 3

This course combines research and theory about teaching and learning that effectively enable educators to make informed decisions to better meet the diverse needs of all learners.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 621 Critical Theory of Educational Systems

Credits: 3

Students will identify and critically analyze a variety of cultural and historical influences, theories, knowledge and belief systems which shape educational organizations. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 622 Research in Education

Credits: 3

Students will learn and apply education research and assessment as a means of analyzing and improving teaching and the learning of content. Students will use their findings to enhance the scholarship of teaching

and learning.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 623 Professional Planning & Assessment

Credits: 2

Students create a portfolio to reflect their professional growth and development. The portfolio will be an accurate portrayal of who they are as educators. Admission to the Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 624 Research Project Design

Credits: 3

Students identify an issue of interest to their professional development. The issue may include, but it is not limited to, instructional, organizational, or community processes related to their practice or content area. Students develop a research project designed to improve, implement, or understand the issue identified. Admission to Education Graduate program is required.

Pre-Requisites: ((ED_622)) and graduate status. **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 625 21st Century Based Teaching and Learning

Credits: 3

Students will focus on an in-depth examination of their professional beliefs, values, and knowledge regarding teaching and learning and compare these to the current research base on teaching and learning. With this knowledge they will conduct field studies to determine the influence of their practice on student learning and work to improve that practice. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 626 Democracy, Diversity, and Leadership

Credits: 3

Students will critically examine culturally embedded beliefs, knowledge, practices, and organizational structures and processes to determine their appropriateness in a democratic society. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 627 Action Research: Project Implementation

Credits: 1 - 2

Students implement and complete their action research projects. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 628 Continuing Research Education

Credits: 1

This course is for graduate students who have not completed their research at the end of their final research course. Students are required to enroll each semester the student is requesting assistance from graduate faculty

and using the library resources or any other University resources. Admission to the Graduate Program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 631 Professional Learning Communities

Credits: 3

Students study social learning and the school as a social learning organization. Students experience first hand the processes involved in social learning within the learning community context and transfer those processes into classroom practices. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 632 Linking Pedagogy and Content

Credits: 3

Students examine and connect current research in learning to the content areas in order to develop effective instructional decisions. Students design teaching approaches and learning environments to meet the needs of learners and organizations. Additionally, students engage in the development of personal practice knowledge in the content area as they build a knowledge base of educational research, theory, and practice. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 633 Trends and Issues in Education

Credits: 3

Students will research and review literature on a variety of current issues, trends, and reform efforts in education. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 634 Educators as Change Agents

Credits: 3

Students explore multiple organizational theories and practices, compare and contrast those theories and practices, and assess their value in educational contexts. Students develop or engage in active leadership roles in their educational contexts. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 635 Content and Curriculum Development

Credits: 3

Students develop and refine curriculum using research-based design models. They research the connection between recent findings in human learning and how these findings translate into more effective curriculum design within their specific content area. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 636 Current Issues in Education

Credits: 3

Students will research and review literature on a variety of current issues, trends, and reform efforts in education using an historical context. Students will develop an advocacy position in an issue related to his/her specialty area.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 651 Practicum in Reading Instruction**Credits: 3**

This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 654 Professional Development through Collaboration**Credits: 3**

Students dialogue with his/her professional organizations, peers, parents, learners, and the community to investigate and generate contextually meaningful personal and social processes of learning and teaching. Students will investigate and develop skills in mentoring, peer coaching, organizational and group dynamics, paradigm theory, conflict resolution/negotiation skills, effective communication, collaboration, and consultation.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 662 Organization & Administration of Reading Programs**Credits: 3**

This course will focus on current research, trends, issues, federal and state initiatives, legislation, and resources related to the development, supervision, and administration of reading programs for Pre-K through adult learners. This course will also include censorship issues, textbook and trade-book adoption practices, assessment procedures, and integration of instructional technology, staff development and effective change strategies.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 670 Introduction to Leadership and Educational Issues**Credits: 3**

Students will explore aspects of leadership through use of questionnaires, leadership assessments, case studies, simulations, and reading. Each student will develop a personal leadership profile and professional development plan. In addition, research teams will explore and present on current issues in education.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 671 Portfolio Development**Credits: 1**

In this course students will explore the Minnesota Core Leadership Competencies and the competencies specific to each area of licensure for the Principal, Superintendent, and Special Education Director. Students will also review the national Interstate School Leadership Licensure Consortium (ISLLC) standards, which are aligned with the Minnesota Administrator competencies and which have been adopted by the SMSU Department of Education. Students will learn how an e-portfolio will be developed to demonstrate mastery of those competencies using the LiveText program. Students will participate in leadership skills assessments and evaluations to determine their current levels of competency. Students will develop an individual professional development plan (PDP) based on assessments results.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 672 Portfolio Implementation**Credits: 1**

In this course students will develop and design e-portfolio artifacts which demonstrate growth or mastery of the Minnesota Core Leadership Competencies and the competencies specific to each area of licensure for the

Principal, Superintendent, and Special Education Director and the national Interstate School Leadership Licensure Consortium (ISLLC) standards, which are aligned with the Minnesota Administrator competencies. Students will also develop and design portfolio artifacts specific to their own professional development plans.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 673 Portfolio Capstone

Credits: 1

In this course students will develop and design e-portfolio artifacts which demonstrate growth or mastery of the Minnesota Core Leadership Competencies and the competencies specific to each area of licensure including Principal, Superintendent, and Special Education Director and the national Interstate School Leadership Licensure Consortium (ISLLC) standards, which are aligned with the Minnesota Administrator competencies. Students will also develop and design portfolio artifacts specific to their own professional development plans.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 674 Education Systems and Organizations

Credits: 3

This course is designed to provide an understanding and overview of organization of educational systems, management, and leadership theory. Reflection, experiential activities, case studies, debates, simulations, and field studies will assist the student in developing and building decision-making, communication, and collaboration skills essential for the 21st Century administrator.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 675 Legal Issues and Special Education Law

Credits: 3

This course analyzes and reviews federal and state laws related to education. Legal issues which affect operation of school districts and schools will also be explored. Students will learn about case law, contract law, labor relations, district, and school policies. An overview of special education and related laws, policies, and procedures will be included. Students will be engaged in reflections, case studies, inbox activities, research projects, school policy reviews, and debates.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 676 Data Driven Decision Making

Credits: 3

The instructional leader is responsible for developing a vision of learning and establishing and implementing clear learning goals and assessments through collaboration with teachers and other stakeholders. Students will explore their own leadership skills and develop action plans for growth of self and others. The students will examine the learning climate within the school and use data to develop research-based instructional experiences to meet the needs of all learners.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 678 Instructional Leadership for all Learners

Credits: 3

The instructional leader is responsible for developing a vision of learning and establishing and implementing clear learning goals and assessments through collaboration with teachers and other stakeholders. Students will

explore their own leadership skills and develop action plans for growth of self and others. The students will examine the learning climate within the school and use data to develop research-based instructional experiences to meet the needs of all learners.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 679 Financial and Resource Management

Credits: 2

This course focuses on fiscal and human resource management. It includes budget allocation, planning, reporting and policies, and laws governing funding at the state, district, and school levels. It will also explore administrative technology applications and funding necessary to provide those resources. Participants will become familiar with a variety of technology applications and the Minnesota UFARS system. In addition, students will explore staffing, recruitment, selection, and termination processes.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 679 Financial and Resource Management

Credits: 3

This course focuses on fiscal and human resource management. It includes budget allocation, planning, reporting and policies, and laws governing funding at the state, district, and school levels. It will also explore administrative technology applications and funding necessary to provide those resources. Participants will become familiar with a variety of technology applications and the Minnesota UFARS system. In addition, students will explore staffing, recruitment, selection, and termination processes.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 680 Organizational Management & Leadership in Academic Settings

Credits: 3

This course provides students with a comprehensive overview of organization and management theory that will form the framework for sound organizational and management practices for administration in various academic settings. Emphasis: All academic levels and all C & I areas.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 681 Transforming Principal Perspectives

Credits: 2

This course will explore principal leadership with an emphasis on developing transformational leaders for 21st Century schools. Participants will learn about the world of the principal and practice and build skills essential for effective leadership. Exploration of topics relating to P-12 leadership will include: school climate, developing a vision and mission, instructional leadership and curriculum, staff motivation and professional development, scheduling and human resource management, communication with students, staff, parents and community, collaborative leadership, extracurricular programs, school safety and the many other hats the principal wears.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 681 Transforming Principals & Perspectives

Credits: 3

This course will explore principal leadership with an emphasis on developing transformational leaders for 21st Century schools. Participants will learn about the world of the principal and practice and build skills essential

for effective leadership. Exploration of topics relating to p-12 leadership will include: school climate, developing a vision and mission, instructional leadership and curriculum, staff motivation and professional development, scheduling and human resource management, communication with students, staff, parents and community, collaborative leadership, extracurricular programs, school safety and the many other hats the principal wears.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 682 Transforming Superintendents & Perspectives

Credits: 3

In this course students will explore and understand leadership theory and practice at the executive level. Looking beyond management, students will be immersed in the realities of practice and the specific leadership skills that create effective school systems. Practical topics which will be addressed include strategic planning, goal setting, decision making, budgeting, negotiations and collective bargaining, and effective

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 683 Transforming Special Education Director Perspectives and SPED Law

Credits: 3

This course will be a Director of Special Education (SPED) leadership course with an emphasis on developing transformational skills for the 21st century. Students will learn about the world of the Director of SPED and practice building skills to become an effective leader. Topics related to the director will include: special education finance, budgeting and accounting, available resources, monitoring of programs, governance and administration of policy, program development, and organizations that serve students and families with disabilities. This course will also provide a review of the state and federal laws governing Special Education in schools in the United States. It includes the legal cases which shaped today's laws in special education, a historical background of special education, a review of IDEA 2004 and due process, the requirements of NCLB and ESSA and the implications for Special Education students and SPED directors. Federal and state data privacy legislation and legislation relating to paraprofessionals will also be explored.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 684 Research Seminar & Field Exp 1: Principal, SPED Director, Superintendent

Credits: 2

ED 684 Research Seminar & Field Exp 1: Principal, SPED Dir., Supt., Ed Specialist

Credits: 3

Students seeking Administrative Licensure and either a Post-Masters Certificate or Ed Specialist degree will attend monthly seminars during their field experiences which will address their research and progress toward

licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Eighty (80) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **ED SPECIALIST:** Students will conduct original research and write a formal paper. They will present their work to their peers. A formal presentation and review of the research project will be required by their graduate committee for degree approval.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 685 Research Seminar & Field Exp 2: Principal, SPED Director, Superintendent **Credits: 2**

Students seeking Administrative Licensure will attend monthly seminars during their field experiences which will address progress toward licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Forty (40) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours associated with this internship. The field experience will include 40 hours or one week at a special education administrative unit other than the primary experience of the applicant. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours associated with this internship. The field experience must include 40 hours or one week at each level not represented by the applicant's primary teaching experience.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 685 Research Seminar & Field Exp 2: Principal, SPED Dir., Supt., Ed Specialist **Credits: 3**

Students seeking Administrative Licensure and either a Post-Masters Certificate or Ed Specialist degree will attend monthly seminars during their field experiences which will address their research and progress toward

licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Eighty (80) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **ED SPECIALIST:** Students will conduct original research and write a formal paper. They will present their work to their peers. A formal presentation and review of the research project will be required by their graduate committee for degree approval.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 686 Internship I- Superintendent

Credits: 3

To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 686 Research Seminar & Field Exp 3: Principal, SPED Director, Superintendent

Credits: 2

Students seeking Administrative Licensure will attend monthly seminars during their field experiences which will address progress toward licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Forty (40) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy 107 hours toward the completion of the required hours associated with this internship. The field experience will include 40 hours or one week at a special education administrative unit other than the primary experience of the applicant. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours associated with this internship. The field experience must include 40 hours or one week at each level not represented by the applicant's primary teaching experience.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 687 Ed Specialist Research**Credits: 3**

Qualified candidates for the Ed Specialist degree conduct action research (field study) in their licensure field and write a formal paper that is presented to a faculty review panel for final approval. The paper is organized according to the Action Research Structural Guidelines using the APA format.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 687 Internship II- Superintendent**Credits: 3**

Throughout the course of two consecutive semesters, the student intern will be required to demonstrate at the competent level in each of the Superintendent Competencies identified in the chart. Student interns, along with Mentoring Superintendents and the University Supervisor will identify specific activities that will assist in developing a level of competency that will be showcased in their portfolios. Students who fail to demonstrate a level of competence will be put on a growth plan, which will provide specific feedback for remediation and/or changes needed for improvement (see Internship Handbook). Students will be required to present their final portfolios at the end of the first semester and at the conclusion of the second semester of the internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 688 Internship I- Special Education Director**Credits: 3**

To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 689 Internship II- Special Education Director**Credits: 3**

To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 690 Research Design**Credits: 3**

This course will assist the graduate student in designing and implementing his or her action research project, the capstone activity for the presentation portfolio. Student projects, completed in ED 699, are intended to investigate professional practical issues or strategies for the purpose of self-improvement and /or improved student learning. This may include a study of his or her own practice, learning environments, and professional standards. Participants will identify a research focus and design, ethical practices, and review related literature. Students will produce the initial chapters of their action research project. The project proposal is committee reviewed and approved.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 691 Change Agents in the 21st Century**Credits: 2**

The purpose of this course is to develop the skills and understanding to lead change in the 21st century schools. In this course students will explore change theory and its application to the school and/or district.

Students will review, implement, and evaluate different change processes. Students will also design a comprehensive plan for a new change initiative.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 691 Change Agents in the 21st Century

Credits: 3

The purpose of this course is to develop the skills and understanding to lead change in the 21st century schools. In this course students will explore change theory and its application to the school and/or district. Students will review, implement, and evaluate different change processes. Students will also design a comprehensive plan for a new change initiative.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 692 Graduate Project

Credits: 1 - 3

This course will assist the graduate student in completing the action research project, the capstone activity for the graduate program. This is a variable credit option intended for graduate students who have initiated the graduate project and are returning to complete their action research project. Candidates may enroll in up to 6 credits in graduate project. Candidates who have not taken credits in ED 692 should enroll in 699.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 693 Special Education Law for SPED Directors

Credits: 3

This course will provide a study of the state and federal laws governing Special Education in United States Schools. The course will include the Legal cases which shaped today's laws in special education, a historical background of special education, a review of IDEA 2004 and due process, the requirements of NCLB and the implications it has for Special Education students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 695 Supervision and School Relationships

Credits: 3

Students in this course will examine models of supervision, professional development, pedagogical theory, and leadership. Students will develop an effective supervision model for a school. In addition, relationships and communication with internal and external publics will be explored.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 698 Ed Specialist Action Research and Paper

Credits: 0

This non-credit course will be offered to candidates who elect to earn the Ed Specialist Degree by completing an Action Research Project and a formal paper. Students will study research methods and action research design and will develop and conduct their field study research project in their selected area of administration, Principal, Special Education Director or Superintendent. Students will write a formal research paper following APA action research guidelines. Students will present their research to their graduate committee. A grade of B or higher is required. When completed, the Ed Specialist Degree will be posted on the final transcript and the student will receive the Ed Specialist Degree.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 699 Action Research Project

Credits: 3

Students demonstrate professional teaching standards through a presentation portfolio that includes completion of the action research project. During this seminar course, the student puts into action and

completes his or her project, which was developed in the research design course (ED 690). The data is analyzed, interpreted, and reported. Implications for future action research efforts are identified. The presentation portfolio and research project results are disseminated in a graduate seminar.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 754 Advanced Research Based Analysis of Educational Leadership **Credits: 3**

Students will explore and research articles and books related to transformational educational leadership. In depth exploration of current issues related to education will be conducted. Students will interact with and use Web 2.0 technologies available for administrators and teachers. Students will also design their capstone field projects required for the Education Specialist program.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 755 Ed Specialist Field Based Research Project **Credits: 3**

Students will implement their capstone field research projects. They will write a formal research paper in action research format. They will present and defend their work to their peers and their graduate committee for final degree approval.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT 100 Literature: Human Diversity **Credits: 3**

This course introduces students to multicultural literature in the U.S. Students read works that explore a range of socio-cultural identities or experiences, such as "race"/ethnicity, class, gender, sexuality, and disability. This course does not count toward a Literature or Creative Writing major.

Goal: 06- Humanities/Fine Arts 07- Human Diversity **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

LIT 120 Introduction to Literature **Credits: 3**

This course will deepen students' understanding and appreciation of literature as an art form as well as to strengthen students' ability to read short stories, poems, novels and drama for meaning. This course does not count toward a Literature or Creative Writing major.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 150 Literature: Global Perspective **Credits: 3**

This course is an introduction to literature through the study of works past and present which explore both the nature of humanity and humanity's relation to the world. The course will introduce students to literature from primarily outside the United States to enable cross-cultural comparisons. Does not count toward a Literature major.

Goal: 06- Humanities/Fine Arts 08- Global Perspective **Course Frequency:** *Fall: Even Years Spring: N/A Summer: Dept Discretion*

LIT 170 Literature: People & Environment **Credits: 3**

This course introduces students to literature focused on the environment and our relationship to it. The course covers several literary genres and may include both U.S. and non-U.S. writers and environments. This course

does not count toward a Literature or Creative Writing major.

Goal: 06- Humanities/Fine Arts 10- People/Environment **Course Frequency:** *Fall: N/A Spring: All Years Summer: Dept Discretion*

LIT 200 Literature: Rural/Regional Experience **Credits: 3**

This course is an introduction to literature through the study of works which are set in a rural and/or regional environment and explore both the nature of humanity and humanity's relation to the world. The course will expose students to literature from primarily those writers who focus their art on rural landscapes and/or a particular region (e.g., the Mississippi Delta, western Montana, Siouxland, etc.) which demonstrates the importance of environment and region on the human condition. Does not count toward a Literature major.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 250 Critical Approaches to Literature **Credits: 3**

This course offers students the elemental skill necessary for academic literary research and analysis. It covers the major literary critical tools in a systematic way. Required of all Literature and Creative Writing majors

Pre-Requisites: (ENG_151) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

LIT 261 Novel **Credits: 3**

This course introduces students to the novel as a literary form.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

LIT 262 Short Story **Credits: 3**

This course introduces students to the short story as a literary form.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

LIT 263 Poetry **Credits: 3**

This course introduces students to poetry as a literary form.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

LIT 264 World Drama **Credits: 3**

This course introduces students to drama as a literary form, including plays from a wide variety of periods and countries.

Goal: 06- Humanities/Fine Arts 08- Global Perspective **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 265 Literature and Film **Credits: 3**

This course introduces students to literary works and their film adaptations, exploring their different forms or means of storytelling, the technical and social factors that affect their productions, and their cultural impact.

Texts many include the following filmic and literary genres: western, musical, science fiction fantasy, horror, comic, detective story, thriller, war, or family melodrama.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 286 Special Topics in Literature

Credits: 1 - 4

These courses are studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 292 Honors Credit Literature

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by certain students concurrently enrolled in at least one other Literature course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 303 British Authors: Short Course

Credits: 1 - 2

A study of one British authors work in-depth. Consult the semester course schedule for the author to be studied. No more than a total of 4 credits may be used toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 304 American Authors: Short Course

Credits: 1

A study of one American author's work in-depth. Consult the semester course schedule for the author to be studied. No more than a total of 4 credits may be used toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 305 World Authors: Short Course

Credits: 1 - 2

A study of one World authors work in-depth. Consult the semester course schedule for the author to be studied. No more than a total of 4 credits may be used toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 306 Craft and Theory: Prose and Poetry

Credits: 3

This class is designed for students interested in the craft and theory issues relating to the construction of literary prose and poetry. The class will focus on the author's style within the context of the different historical literary movements and social/cultural influences. The main emphasis of this class is the analysis of the processes of literary prose and poetry, and not necessarily the critical interpretation of literature.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

LIT 309 Authors

Credits: 3

A study of one, two, or three authors' work in-depth. Consult the semester course schedule for the author(s) to be studied. If a student takes 309, only one (1) credit of 308 may be counted toward the Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 310 Greek Myth & Literature

Credits: 3

The course covers great Greek literature, such as the Iliad and the Odyssey, plus selected plays from the Greek tragedians. The mythological background of the literature and its characters is also included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

LIT 321 British Literature: Beginning through Restoration and 18th Century

Credits: 3

This course covers Medieval and Renaissance writers, including Beowulf, Chaucer, Shakespeare, and the Metaphysical Poets. It also includes such writers as Milton, Dryden, Pope, Swift, and Samuel Johnson.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

LIT 322 British Literature: Nineteenth and Twentieth Century

Credits: 3

This course explores British literature from the Romantic and Victorian Periods of the 19th Century and Modern and Post-Modern Periods of the 20th Century.

Pre-Requisites: (ENG_151) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

LIT 323 Shakespeare

Credits: 3

This course focuses on examples of Shakespeare's best-known tragedies, comedies, histories, and romances.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

LIT 324 Shakespeare: Tragedies

Credits: 3

This course focuses on selected examples of Shakespeare's tragic drama, including the historical tragedies.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 325 Shakespeare: Comedies

Credits: 3

This course focuses on selected examples of Shakespeare's comic drama, including representative "romances."

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 331 American Literature: Beginning through Realism and Naturalism

Credits: 3

This course covers the beginning Colonial & Romantic periods of American literature and includes such writers as Bradstreet, Poe, Hawthorne, Melville, Emerson, Thoreau, and Whitman. The course also includes such writers as Twain, James, Dickinson, Stephen Crane, and Dreiser who represent Realism and Naturalism in American Literature.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 332 American Literature: Modern & Contemporary

Credits: 3

This course covers the period from 1900 to the present and includes such writers as Frost, Faulkner, Hemingway, Fitzgerald, Pound, Stevens, and Cummings, and more recent writers.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

LIT 335 African American Literature

Credits: 3

This course is an introduction to the literature of African American writers from the African Diaspora through the Harlem Renaissance to contemporary African American literature.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

LIT 340 Sexuality and Gender in Literature

Credits: 3

This course reads a selection of literature from a range of historical and cultural periods through the lens of sexuality and gender.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

LIT 355 Native American Literature

Credits: 3

This course will introduce students to the literature of the American Indian and may include novels by such authors as Leslie Marmon Silko, N. Scott Momaday, Louise Erdrich, and James Welch, as well as poetry and memoir by Native American writers from Canada and the United States.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 365 Auto/Biography

Credits: 3

This course considers the broad genre of writing focused on the life of a living or historical person, including the self. Students will become familiar with issues surrounding life-writing and read examples from a variety of historical periods.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 370 Contemporary World Literature

Credits: 3

This course explores the rich diversity and interdependence of contemporary post-colonial literatures and other international literatures specifically since 1945. This class examines the works of writers from varied cultures, such as Chinua Achebe, Jorge Luis Borges, Italo Calvino, Nadine Gordimer, Milan Kundera, Louise Erdrich, and Gabriel Garcia Marquez.

Pre-Requisites: (ENG_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 375 Women's Literature

Credits: 3

This course introduces students to literature written by and about women from various time periods and cultures.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

LIT 410 Literacy & Literature for Adolescents

Credits: 3

This course is required of teaching majors. It covers teaching of poetry, fiction and drama, and young adult literature. The course includes methods and materials for teaching reading at the junior high and high school levels.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

LIT 486 Advanced Topics in Literature

Credits: 1 - 4

These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 494 Directed Studies in Literature

Credits: 1 - 4

Independent work is available only to students with special needs or exceptional ability. Only four (4) credits may count toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 586 Special Topics in Literature

Credits: 1 - 4

These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term. Graduate status or Senior status (with permission) required. Up to four credits of any Special Topics may be applied to a graduate degree with permission of the English Department and Graduate Dean.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT 622 19th & 20th Century British Literature Survey

Credits: 4

This course is a survey of the major British writers from the 19th and 20th Centuries. These literary periods are of special interest: The Romantic Period, the Victorian Period, and the Modernist Period. The class examines all the genres but focuses primarily on poetry, drama, and fiction.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

LIT 632 American Literature Survey

Credits: 4

This course presents a survey of American literature with the purpose of helping graduate students understand and recognize important American literary movements and cross-currents. Students will read American literary works that have shaped and defined a period. They will also read a selection of secondary works that provide historical, political, and cultural contexts for the literature.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

LIT 670 World Literature

Credits: 4

This course in World Literature covers works from a variety of periods and countries. Selected topics may include different genres of literature from different countries written by members of diverse ethnic groups. Consult the semester class schedule for the selected topic during a given term.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT 686 Special Topics in Literature**Credits: 1 - 4**

These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term. Graduate status or Senior status (with permission) required. Up to four credits of any Special Topics may be applied to a graduate degree with permission of the English Department and Graduate Dean.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT XXX Literature courses**Credits: 4**

Choose 4 credits of literature courses.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MATH 060 Intermediate Algebra**Credits: 3**

Algebraic skill-building for students anticipating further courses in mathematics or areas using mathematics. Covers polynomials, roots and powers, lines and solving linear inequalities, and linear, quadratic, and rational equations.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MATH 101 Great Ideas of Mathematics**Credits: 3**

This course investigates mathematics by introducing selected mathematical models and examining how they are applied to real world problems. Students are expected to use mathematical techniques in the application of the models studied in the course. The required preparation is MATH 060 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MATH 110 College Algebra**Credits: 3**

A study of the fundamental concepts of algebra. Topics include: equations and inequalities polynomial, rational, exponential, and logarithmic functions and their graphs, and systems of linear equations.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: (MATH_060) or (a score of 22 on test ACT Math) or (a score of 480 SAT Math) or (a score of 60 on Intermediate Algebra Placement Test - CAT) or (a score of 76 on Accuplacer Elementary Algebra) or (a score of 50 on Accuplacer College Level Math) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

MATH 115 Finite Mathematics**Credits: 3**

Solving systems of linear equations, matrix operations, and an introduction to linear programming, including the simplex method, mathematics of finance, counting techniques, and probability. The required preparation is MATH 110 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

MATH 125 Trigonometry & Special Functions**Credits: 3**

Trigonometry, both circular functions and right triangle, trigonometric equations, logarithms, exponential functions, and complex numbers. The required preparation is MATH 110 or three years of high school

mathematics, not including trigonometry. Students who do not meet the stated requirements may be dropped from the course.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: (MATH_110) or (a score of 22 on ACT Math) or (a score of 480 on SAT Math) or (a score of 60 on Intermediate Alg placement Test-CAT) or (a score 76 on Accuplacer Elementary Algebra) and (a score of 50 on Accuplacer College Level Math) **Course Frequency:** *Fall: N/A Spring: All Years*

Summer: N/A

MATH 129 Mathematics for Elementary Education

Credits: 3

This is the mathematics content course for elementary education majors, which focuses on the content areas that must be taught at the elementary school level. Topics include problem solving, numeracy, discrete math, probability, statistics, and geometry. An understanding of the underlying mathematical concepts is developed to allow students to master the associated mathematical procedures.

Pre-Requisites: (MATH_110) or (MATH_125) or (MATH_135) or (MATH_140) or (a score of 24 on test ACT MATH) or **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MATH 135 Precalculus

Credits: 5

A detailed study of the mathematics needed for calculus. Concepts are presented and explored from symbolic, graphical, and numerical perspectives. Basic concepts covered include polynomial, rational, exponential, logarithmic, and trigonometric functions, complex numbers, linear systems, numerical patterns, sequences and series. Students who do not meet the stated requirements may be dropped from the course.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: (MATH 060 with C or better) or (MATH 110) or (a score of 22 on ACT Math) or (a score of 480 on SAT Math) or (a score of 60 on Intermediate Alg placement Test-CAT) or (a score 76 on Accuplacer Elementary Algebra) and (a score of 50 on Accuplacer College Level Math) **Course**

Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MATH 140 Calculus: A Short Course

Credits: 3

A short study of differential and integral calculus with applications. An intuitive approach to calculus is emphasized. The required preparation is MATH 110 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 150 Calculus I

Credits: 5

Differential calculus of elementary functions, including applications. Introduction to integration. The required preparation is MATH 125 or MATH 135 or three years of high school mathematics including trigonometry.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MATH 151 Calculus II

Credits: 4

A continuation of Calculus I to include further techniques of integration and applications, Taylor approximations, sequences and series, plane analytical geometry, parametric equations, including polar

coordinates. Students who do not receive a grade of C- or better in Math 150 (or equivalent) may be dropped from the course.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: ((MATH_150)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 200 Intro to Statistics

Credits: 3

Introduction to measures of central tendency, measures of dispersion, frequency distributions, large and small samples, testing of hypotheses, and correlation analysis. Use of computers in statistical analysis. The required preparation is MATH 110 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MATH 201 Statistical Software

Credits: 1

Use of statistical software including SPSS and MINITAB. Graphical and numerical methods of summarizing data, hypothesis testing, regression analysis, ANOVA, and other statistical procedures. Check the validity of statistical model assumptions. The required preparation is completion or enrollment in MATH 200 or equivalent or familiarity with statistical procedures.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MATH 210 Discrete Mathematics

Credits: 3

Algebraic, logical, and combinatoric techniques and their applications to various areas including Computer Science. The required preparation is MATH 110 or three years of high school mathematics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 252 Calculus III

Credits: 4

Vectors and the geometry of two and three space, functions of several variables, differentiability, arc length and surface area, extrema and Lagrange multipliers, multiple integration, line and surface integrals, and the theorems of Green, Gauss, and Stokes. Students who do not receive a grade of a C- or better in Math 151 (or equivalent) may be dropped from the course.

Pre-Requisites: ((MATH_151)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 286 Special Topics in Mathematics

Credits: 1 - 4

MATH 292 Honors Credit in Math

Credits: 1 - 4

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by certain students concurrently enrolled in at least one other Mathematics course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 300 Modern Geometry

Credits: 3

The postulation systems of geometry, including Euclidean and non-Euclidean geometries, projective and affine geometry.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MATH 305 History of Mathematics

Credits: 3

Lives and contributions of mathematicians and the development of ideas and branches of mathematics.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 310 Number Theory

Credits: 3

The integers, including Peano postulates, divisibility, congruencies, Diophantine equations, and continued fractions.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 320 Foundations of Mathematics

Credits: 3

The "nature" of mathematics, the axiomatic method, the theory of sets, the real number continuum, and various viewpoints on the foundations of mathematics. Students who do not receive a grade of C- or better in MATH 150 (or equivalent) may be dropped from the course.

Pre-Requisites: (MATH_150) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MATH 325 Combinatorics

Credits: 3

A survey of some of the techniques of combinatorial mathematics and their application. Topics include connectivity, planarity and colorability of graphs, graph isomorphisms, enumeration techniques, recurrence relations, and generating functions.

Pre-Requisites: (MATH_320) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 345 Numerical Analysis

Credits: 3

Finite differences and applications; interpolation formulas; inversion of matrices; numerical methods of solution of equations; numerical differentiation and integration.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 350 Differential Equations

Credits: 3

Exact solutions and applications of differential equations.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MATH 360 Linear Algebra

Credits: 3

Matrices and determinants with applications to vector spaces (linear transformations and eigenvalues) and the

solution of systems of linear equations.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 370 Operations Research

Credits: 3

Several types of optimizing techniques, including linear programming, simulations, applications of probability, and dynamic programming.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 394 Directed Studies in Mathematics

Credits: 1 - 4

Independent study of mathematical topics not ordinarily covered in the established courses. May be repeated.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 430 Probability & Statistics

Credits: 3

An introduction to calculus of probabilities and mathematical statistics, including discrete and random variables, mathematical expectation, probability distributions, sampling, hypothesis tests, regression, and correlation.

Pre-Requisites: (MATH_151 AND MATH_200 AND MATH_320) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 431 Probability & Statistics II

Credits: 3

A continuation of MATH 430 (Probability & Statistics)

Pre-Requisites: (MATH_430) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 440 Abstract Algebra

Credits: 3

Topics may include groups, rings, fields, or fields

Pre-Requisites: (MATH_151 AND MATH_320) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 441 Abstract Algebra II

Credits: 3

A continuation of MATH 440 (Abstract Algebra)

Pre-Requisites: (MATH_440) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 450 Introduction to Real Analysis

Credits: 3

A theoretical investigation of the real numbers. Topics include sequences, series and convergence, limits and continuity of functions, differentiation, and integration.

Pre-Requisites: (MATH_151 AND MATH_320) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 451 Advanced Calculus II

Credits: 3

A continuation of MATH 450 (Advanced Calculus)

Pre-Requisites: (MATH_450) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 455 Applied Mathematics

Credits: 3

Partial differential equations of physics and engineering including Laplace, heat and wave equations, Fourier series methods and the methods of separation of variables. Additional topics may include Sturm-Liouville problems, Green's functions, and the method of characteristics.

Pre-Requisites: (MATH_252 AND MATH_350) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 460 Complex Analysis

Credits: 3

The algebra of complex numbers, analytic functions, mapping properties of the elementary functions, Cauchy's Theorem, Cauchy's integral formula and residues.

Pre-Requisites: (MATH_252) and junior status. **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 480 Mathematics Seminar

Credits: 1

This course is designed to acquaint the student with current research in mathematics by a review of current mathematical literature sources. Students integrate and synthesize their backgrounds by presenting a problemsolving or research project. Repeatable for a total of four credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MATH 486 Advanced Topics in Mathematics

Credits: 1 - 4

MATH 499 Internship in Mathematics

Credits: 1 - 16

On-the-job supervised experience and study dealing with applications of mathematics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 500 GS:Algebraic Found of Math

Credits: 3

This course integrates concepts from elements of algebra, abstract algebra and number theory. It extends the concepts first considered at the undergraduate level by using symbolic logic and methods of proof. The theory

of algebraic equations, including roots of polynomials, the fundamental theorem of algebra and the solution of third and fourth degree equations is emphasized.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 501 Introduction to Mathematical Logic

Credits: 3

An introduction to mathematical logic. Topics include: Sentential logic, the predicate calculus, the statement calculus and its completeness theorem, first order theories, consistency and completeness, and Godel's Theorem.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 505 Topic in History of Math

Credits: 4

A survey of the history of mathematics. Students will investigate the historical basis for some of the major themes in mathematics including the contributions made by individuals and cultures. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 510 Advanced Number Theory

Credits: 3

Number theory, which is one of the most ancient branches of mathematics and continues to be an active area of research, is the study of integers, the most basic structure of mathematics, and many of their fascinating properties. For example, it has a major recent day application in communications and cryptography. Topics include proof by induction, divisibility, primes, uniqueness of factorization, congruencies, Chinese Remainder Theorem, Cryptography, Pythagorean triples and other Diophantine equations, Pell's Equation, primarily testing, factoring methods, primitive roots, perfect numbers, rational versus irrational, and continued fractions, quadratic congruencies, and quadratic reciprocity. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

MATH 515 Advanced Discrete Mathematics

Credits: 3

An extension of the usual material presented in an undergraduate course in Discrete Mathematics. Topics will include: coding theory, Polya enumeration, scheduling and bin packing, and combinatorial games. A current computer software package will be utilized to explore these topics. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 530 Statistics

Credits: 3

This course is designed to give students both the theoretical and practical aspects of statistics. Topics include probability distributions of discrete and continuous random variables, mathematical expectations, multivariate distributions, correlations, confidence intervals, hypothesis testing, linear regression, and use of technology. The required preparation for this course is an undergraduate course in statistics, and an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

MATH 545 Advanced Geometry

Credits: 3

This course reviews Euclidean, synthetic, analytic, plane and solid geometry, then compares Euclidean

geometry to the more recent developments in geometry dealing with non-metric properties. Projective geometry, affine geometry, and topological geometry are used as examples of non-Euclidean systems. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Even Years*

MATH 550 Real Analysis

Credits: 3

Topics include: metric spaces, compactness, countability, convergence, continuity, uniform convergence and continuity, differentiation, and integration. The objective of this course is to provide a foundation in the mathematical analysis behind the Calculus. The required preparation for this course is an undergraduate major in Mathematics or Mathematics Education

Course Frequency: *Fall: N/A Spring: N/A Summer: Even Years*

MATH 560 Applied Linear Algebra

Credits: 3

An extension of the usual material presented in an undergraduate course in Linear Algebra. Topics include vector spaces and linear transformations, algebra of polynomials, invariant subspaces, LU, QR and singular value decompositions, symmetric, positive definite, and Hermitian matrices, inner product spaces, and the spectral theorem. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 586 Selected Topics in Mathematics

Credits: 3

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MATH 600 GS:Math Research Project

Credits: 3

Directed research on a selected topic(s) in mathematics and/or mathematics education. Topics pertaining to mathematics education should be consistent with the Standards of the National Council of Teachers of Mathematics (NCTM).

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PE 100 Intro to Arts/Dance

Credits: 3

The relationship between dance and other arts and the sciences; defining the role, function, history and status of dance in society. Students will be introduced to the fundamental principles of movement underlying the forms of dance with the activity and lectures being adaptable to all students including the disabled.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 101 Intro Health & Physical Education

Credits: 2

Concepts and theories that define the breadth of the field and the interdisciplinary relationship of Health and Physical Education as a profession. Introductory topics include: pedagogy, exercise physiology,

biomechanics, recreation, sports management, allied health, athletic training, physical therapy and sports related professions.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 105 Camping and Canoeing**Credits: 2**

This class is designed for students to develop skills, awareness, and knowledge in racquet activities, volleyball, canoeing, and outdoor activities.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 106 Cross Country Skiing, Snow Shoeing, & Biking**Credits: 2**

This class is designed for recreation majors to develop skills in cross-country skiing, biking, and other outdoor winter/spring activities. Students must provide their own bike for this class.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 107 Walking for Wellness**Credits: 1**

This course will provide students with a moderate level of the physical exercise - walking - which can make a positive contribution to their aerobic fitness goals. The course is designed to assist the walker in acquiring the knowledge, attitudes and skills necessary for participation in a lifelong walking for wellness program and the application of walking in their lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 108 Technology in Physical Education**Credits: 2**

This course will cover basic technology skills specific to the field of physical education. Technology covered will include such software programs as the Adobe Suite, heart rate monitors, video editing, and web page development as applied to the field.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 109 Cross Training**Credits: 1**

This course will provide the student with experience in a variety of exercise modalities designed to enhance one's overall fitness and the application of cross training in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 110 Intercollegiate Baseball**Credits: 1**

The purpose of intercollegiate baseball is to give the highly skilled student the opportunity to learn advanced skills, techniques and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 111 Intercollegiate Basketball**Credits: 1**

The purpose of intercollegiate basketball is to give the highly-skilled student the opportunity to learn advanced

skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 112 Cheerleading

Credits: 1

The purpose of intercollegiate cheerleading is to give the highly-skilled student the opportunity to learn and perform skills and techniques of cheerleading.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 113 Intercollegiate Cross Country

Credits: 1

This is an intercollegiate sport designed to provide student-athletes with a very high level of physical exercise, competitive distance running, which can make a positive contribution to their aerobic fitness, body composition, self-image, self-confidence, stress reduction, and overall maturation as a person. The course is designed to assist the student-athlete in acquiring the knowledge, attitudes, and skills necessary for collegiate competition in addition to developing a love for running and a lifelong enjoyment of fitness.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 114 Intercollegiate Football

Credits: 1

The purpose of intercollegiate football is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 115 Intercollegiate Soccer

Credits: 1

The purpose of intercollegiate soccer is to give the highly-skilled student the opportunity to learn advanced techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 116 Intercollegiate Fast Pitch Softball

Credits: 1

The purpose of intercollegiate fast pitch softball is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 117 Intercollegiate Track and Field

Credits: 1

This is an intercollegiate sport designed to provide student-athletes with a very high level of physical exercise which is based on the primary goals of each individual. The process of accomplishing these goals can make a positive contribution to their aerobic fitness, running speed, physical power, body composition, self-image, self-confidence, stress reduction, and overall maturation as a person. The course is designed to assist the student-athlete in acquiring the knowledge, attitudes, and skills necessary for collegiate competition in addition to developing a love for the sport of track and field and a lifelong enjoyment of fitness.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 118 Intercollegiate Tennis

Credits: 1

The purpose of intercollegiate tennis is to give the highly skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 119 Intercollegiate Golf

Credits: 1

The purpose of intercollegiate golf is to give the highly skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 120 Intercollegiate Volleyball

Credits: 1

The purpose of intercollegiate volleyball is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 121 Intercollegiate Wrestling

Credits: 1

The purpose of intercollegiate wrestling is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 122 Lifetime Activities I

Credits: 3

This course is designed to develop knowledge of and fundamental motor skills in such sports and activities as tennis, badminton, and bowling.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 123 Lifetime Activities II

Credits: 3

This course is designed to develop knowledge of and fundamental motor skills in such sports and activities as aquatics, stunts & tumbling, and dance.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 130 Racquet Sports

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in all racquet sport activities.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 135 Dance for Fitness: Zumba

Credits: 1

This course is designed to provide the student a cardiovascular fitness experience through a wide variety of dance and rhythmic activities. An emphasis on the application of dance to wellness, flexibility, stress reduction

and lifetime fitness will be incorporated into the class.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 139 Aerobics

Credits: 1

A fitness course oriented to the cardiovascular concepts of fitness and the application of aerobics in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 140 Beginning Archery

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in archery.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 142 Beginning Bowling

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in bowling.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 144 Golf

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the game of golf. Such content as the history, rules, strategies, etiquette, and basic motor skills of golf will be included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 147 Beginning Tennis

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in tennis.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 149 Weight Training & Conditioning

Credits: 1

This course will provide basic knowledge and techniques of fitness and conditioning through weight training and the application of weight training in daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 150 Snow Shoeing

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the activity of snow shoeing. Content such as the history, safety, equipment, and motor skills will be included.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 151 Begining Cross-Country Skiing

Credits: 1

A course designed to give students basic information about the equipment, clothing, safety concerns, and skills to enjoy cross-country skiing in an outdoor winter environment.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 152 Basic Self Defense

Credits: 1

To provide students with a foundation in basic self defense. This foundation will involve sweeps, arm locks, kicks, and strikes which can be used against an attacker.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 153 Beginning Racquetball

Credits: 1

The student will study the fundamental skills, rules, and strategies for participation in racquetball.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 154 Adapted Physical Education Activities

Credits: 1 - 4

This is an activity course designed for students with disabilities to provide mild to moderate physical activities in their daily lives.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 155 Learn to Swim

Credits: 1

This course is designed for the student who is a non-swimmer or does not demonstrate proficiency in the water. It will include instruction in basic areas of water safety and basic swimming strokes. The general Red Cross swimming program will be followed.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 156 Adventure Ropes

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the activity of an adventure high ropes element. Content such as the safety, equipment, belaying, rappelling, and climbing will be included.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 158 Canoeing

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the activity of canoeing. Content such as the safety, equipment, and motor skills will be included.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 160 Flexibility/Yoga

Credits: 1

This course will introduce the student to the history of flexibility in society, the current uses of flexibility in our society, and the application of flexibility in their daily lives in relation to wellness, cardiovascular fitness, strength, and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 161 Swimmercize**Credits: 1**

A course for those who wish to embark on an aquatic conditioning program with fitness exercises as the core activity and the application of swimmercize in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 165 Southwest Minnesota State University Dance Team**Credits: 1**

The purpose of the dance team is to give the highly-skilled student the opportunity to learn advanced skills and techniques and to perform at athletic and other events.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 169 Advanced Weight Training & Conditioning**Credits: 1**

This course is specifically designed for current athletes involved in an in-season or off-season weight training and conditioning program as a participant in a varsity sport. This course does not meet the graduation requirement in Health and Fitness.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 170 Personal Fitness**Credits: 1**

Personal Fitness class is for students, faculty, and community to experience various fitness opportunities such as jogging, running, weight training, exercise, bicycling, rowing, swimming and the application of these sports in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 171 Step Aerobics**Credits: 1**

This course is a fitness course oriented to the cardiovascular concepts of fitness set to rhythmic activities. The students will be instructed in the safety of low, moderate and high intensity step aerobics. Students will figure target heart rate to determine how much cardiovascular exercise is needed to achieve a healthy lifestyle. Students will apply step aerobics in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 172 Intramural Activities**Credits: 1**

Intramurals are a combination of the elements of physical education and the modern concept of recreation. The student may receive credit for participating in a sport or activity offered in the intramural setting with emphasis given to sportsmanship and social opportunity in an activity.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 173 Outdoor Activities**Credits: 1**

An introduction to the skills and awareness for outdoor recreation including outdoor cooking, gear and shelter, first aid, health and safety, orienteering, nature interpretation, bicycling, hiking, environmental ethics,

canoeing and rock climbing (if possible). An American Camping Association Campcraft or Advanced Campcraft Certification is optional depending upon the student's motivation. A weekend trip is required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 177 Biking**Credits: 1**

The students will assess their present fitness level and learn how biking can improve personal fitness and wellness. The course covers biking skills, equipment, rules, safety, and repairs. The student must provide a bike to ride for class.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 200 Recreational Sports & Games**Credits: 3**

This course is designed for recreation majors to learn the basic rules, terminology, equipment and strategies for many popular recreational sports and games offered through parks, recreation, and community education programs.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 210 Methods of Adapted Physical Education & Lab**Credits: 3**

This course is a study of chronic diseases and disabilities the psychological, social, and economic influences resulting from these highly complex conditions and their equally complex assessments, treatments, and rehabilitation processes.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 220 Curriculum and Instruction in Physical Education**Credits: 3**

This course will cover content such as curriculum development, writing unit plans, writing student-centered lesson plans, teaching skills, fitness, grading, promoting physical education and fitness, organization and administration of events/programs, and a basic understanding of the research process.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

PE 249 Physical Fitness Concept**Credits: 2**

An introductory course to provide the student with the knowledge to achieve a high degree of physical fitness and wellness. The focus of the course will be on the scientific based aspects of fitness. The students will be able to objectively assess their own fitness as well as understand the myths associated with exercise, weight loss, and wellness.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 250 Sports in American Culture**Credits: 3**

This course provides the student the opportunity to understand more about individual and group differences with regard to gender, race, ethnicity, and social class in American sport. The student will understand the historical and current significance of sports in America and our societal responses to these groups.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 251 Intermediate Cross-Country Skiing**Credits: 1**

This course assumes competence in skills and experiences presented in basic cross-country skiing and goes on to use these skills in various terrain and extended distances. The intermediate course includes an opportunity to teach basic skills to others.

Pre-Requisites: (PE_151) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PE 256 Lifeguard Training**Credits: 2**

This course will cover safety and life saving techniques for the management of pool and open water environments. Successful completion will certify the student as an American Red Cross Lifeguard.

Prerequisite: Skill Screening

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

PE 257 PADI Open Water Scuba**Credits: 1**

Learning is divided between classroom and pool. All necessary equipment is provided. Upon successful completion of this portion of the courses, learners are qualified to complete the four open water dives to become certified as a PADI Open Water Diver. These dives are offered over a two day period approximately every weekend over the summer from the beginning of May to the beginning of October. Additional cost applies. The student also has the option of completing these dives literally anywhere in the world using the PADI Open Water Referral Form. These dives need to be completed within 12 months from the completion of the course or a refresher is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 258 Intermediate Canoeing**Credits: 1**

This course includes refining advanced performance skills for handling a canoe in the bow, stern, and as a solo paddler, both in lake and river canoeing. The intermediate course includes an opportunity to teach basic skills of canoeing to others.

Pre-Requisites: (PE_158) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PE 260 Women in Sport**Credits: 3**

This course will focus on the development of sport for females. The student will explore a wide range of historical, cultural, philosophical, and socio-psychological issues that have shaped the nature and scope of sport participation with respect to gender.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 286 Special Topics**Credits: 1 - 4**

This course is designed to provide lower-division students an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 292 Honors Credit in Phy Ed**Credits: 1 - 4**

An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by honors students.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 300 Recreation Diversity & Leadership

Credits: 3

This course covers the contemporary, theoretical, and practical information necessary for developing effective leadership with a focus on diversity and special needs for recreational groups such as at-risk youth, senior citizens, and individuals with disabilities.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

PE 301 Theory of Coaching

Credits: 3

This course is designed to provide the student with a functional understanding of sport and management skills necessary in becoming a successful coach. Students will compare and contrast a variety of objectives used to define success and then examine and redefine their individual philosophies.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 301L Theory of Coaching Lab

Credits: 1

This lab will take an in-depth look at why we provide opportunities for students to participate in athletic programs as part of the educational process. Focusing on the WHY of participation requires a shift in mindset and will challenge coaches to become aware of, and intentional about focusing on the values that can be learned through process-based instead of outcome-based experiences.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 330 Theory of Coaching of Baseball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of baseball.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 331 Theory of Coaching of Basketball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of basketball.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 334 Theory of Coaching of Football

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of football.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 336 Theory of Coaching of Softball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of softball.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

PE 337 Theory of Coaching of Volleyball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of volleyball.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

PE 338 Theory of Coaching of Soccer

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of soccer.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 344 Motor Development

Credits: 3

The course is designed to study the motor development throughout the lifespan of humans. Students will develop skills in analyzing and identifying developmental stages in fundamental motor patterns.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 348 Theory of Coaching of Track & Field

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of track and field.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

PE 350 Theory of Coaching of Wrestling

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of wrestling. The student will take a comprehensive look at current wrestling styles and develop a background of core moves which are necessary for coaching and officiating this sport.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 356 Swimming Instruction Methods

Credits: 2

A course that provides the methods for teaching swimming strokes, safety skills, and diving. Successful completion will enable the student to become an American Red Cross swimming instructor. Prerequisite: Skill Screening

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 360 Introduction to Recreation, Parks, and Community Education

Credits: 3

This course includes a brief review of the cause and effect of development of community organizations. It focuses on the components that are important in being responsive to the recreation and lifetime leisure needs

of our population as well as the land, financial, and organizational responsibilities and opportunities.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

PE 362 Recreational Aquatics

Credits: 3

The student will learn skills in coordinating, scheduling, supervising and implementing aquatic programs found in many recreational settings. The student will gain basic knowledge of pool maintenance, required aquatic certification procedures, and aquatic staffing practices necessary for recreational aquatic programs. A practical experience in an aquatic setting will be included in the course requirements.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

PE 381 Elementary School Physical Education

Credits: 2

This course is designed for elementary education majors. The student will understand and apply movement concepts and principles to the learning and development of motor skills. They will also learn skills and strategies for incorporating games and activities into the elementary curriculum.

Pre-Requisites: (ED_101) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

PE 387 Rhythm and Dance Fundamentals

Credits: 2

This course is designed to give students the skills and knowledge to deliver a progressive sequence of rhythm activities for developmentally appropriate age groups.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 390 Organ & Admin of Athletics & PE

Credits: 2

Principles and techniques of planning and organizing the functions, services, equipment and facilities utilized in athletics, physical education programs and public and private sector programs.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 392 Prevention & Care of Athletic Injuries

Credits: 2

This course will provide the theories and practices of athletic injury assessment, care prevention, and rehabilitation used by an athletic coach or physical educator.

Pre-Requisites: (EXSC_100) OR (PE_285) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 393 Adapted Practicum I

Credits: 1

This course is designed to allow students to develop skills in providing direct service for individuals with disabilities in an adapted physical education or activity setting. This practicum is intended to permit the student to engage in supervised professional activities in selected cooperating agencies or organizations.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 395 Exercise Psychology

Credits: 2

This course will examine the research, theory, and practical applications of the psychological domain in

exercise.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 400 Recreation Program Planning

Credits: 3

This course focuses on the program planning process used in the community recreation setting. The student will learn methods and guidelines for the development, organization, and implementation of recreational programs and activities. Emphasis given to student design, implementation, and evaluation activities through the theoretical model: The Program Development Cycle.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 401 K-12 Physical Education Methods & Lab

Credits: 3

This course explores in detail the basic principles of Physical Education and skills and methods of teaching physical education to K-12 students. The course includes a 30-hours field experience.

Pre-Requisites: (PE_220) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PE 478 Recreation & Sports Management

Credits: 3

This course examines the history, philosophies and theories of management in recreation and sports. The student will learn the management policies and procedures used in recreational, fitness and sports setting.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 481 Adapted Physical Education Application

Credits: 3

Activities and sports such as wheelchair basketball, sit volleyball, beep baseball, bowling, and aquatics for individuals with disabilities will be presented. Knowledge of these activities such as the history, rules, strategies, etiquette, and motor skills will be included.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

PE 482 Practicum in Coaching

Credits: 1 - 4

The application of techniques and coaching in a clinical situation.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 483 Intramural Practicum

Credits: 3

This course is designed to provide a practical experience in planning and implementing a recreational program within the Intramural Department at Southwest Minnesota State University.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 484 Planning Facilities for Physical Activities

Credits: 3

The students will gain an understanding of facility development and maintenance. They will learn about the different exterior and interior elements that are needed when developing a facility in the sport, physical

education and recreational industries.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 486 Special Topics

Credits: 1 - 4

This course is designed to provide upper-division students an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 488 Legal Aspects of Recreation & Sport

Credits: 3

This course will develop the students awareness and knowledge of legal liability relating to recreation and sport. The student will be introduced to tort liability, negligence and risk management principles. A practical approach to topics such as waivers, standard of care, safety, security, right to participate, sexual harassment and abuse, and other legal aspects of recreation and sport.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 489 Sports Marketing, Sales, and Promotions

Credits: 3

This course will focus on a comprehensive examination of the sport industry with an emphasis on marketing sport. The course will investigate common management and marketing science, the nature of sport as a consumer product and market, sponsorship relationships and consumer behavior.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 490 Field Practicum

Credits: 2

This course will enable students to apply knowledge and principals of fitness, exercise science and/or sports management in a practicum experience. Senior standing required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 494 Independent Studies

Credits: 1 - 4

Independent study and research within the physical education and human performance area.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 496 Workshop in Physical Education

Credits: 1 - 4

To provide physical education credit for workshops in the area.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 497 Senior Seminar

Credits: 3

This course is a culminating experience designed to encompass the breadth of the Health, Physical Education and Recreation fields. Professionalism is the theme throughout the course. Students will be expected to draw

upon their resources and acquired knowledge to formulate solutions and/or opinions on selected topics. This course fulfills Southwest Minnesota State University's capstone requirement for graduation.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 497 Senior Seminar

Credits: 2

This course is a culminating experience designed to encompass the breadth of the Health, Physical Education and Recreation fields. Professionalism is the theme throughout the course. Students will be expected to draw upon their resources and acquired knowledge to formulate solutions and/or opinions on selected topics. This course fulfills Southwest Minnesota State University's capstone requirement for graduation.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 498 Adapted Practicum II

Credits: 3

This course is designed to allow students to develop skills in providing direct service in an adapted physical education setting within the K-12 public education curriculum.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 499 Professional Internship

Credits: 3 - 12

To provide an opportunity for a student who works in the area of physical education or human performance in an internship program.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 544 GS:Motor Learning & Dev

Credits: 3

A research and study of movement behavior, performance, and learning from the infant stages through adulthood. An emphasis to include behavior analysis, motor skill acquisition, instruction, and behavior change.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 550 Practicum in Teaching

Credits: 3

This course is designed to provide graduate students the opportunity to apply knowledge, theory, and methods of teaching in a post-secondary educational setting. The course is designed to establish a practicum in teaching opportunity for the graduate student with a faculty member in the Wellness & Human Performance Department providing mentorship.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 578 Recreation and Sport Management

Credits: 3

This course examines the history, philosophies, and the theories of management in recreation and sports. The student will learn the management policies and procedures used in recreational, fitness and sports settings. The

student enrolled in PE 578 will research the complexities of the sport industry, demonstrate application of sports management principles and present two graduate level projects in the areas of human resource management and financing the sport enterprise.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 580 GS:Global Perspect of PE

Credits: 3

The course will investigate the inter-relationships of physical education and sport to the cultural components of representative nations from around the world. Attention will be given to the precominant activities of the culture and how it is reflected in physical education and sport, and also the relationship of physical education and sport to cultural maintenance or change.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 581 GS:Skills Test & Measure

Credits: 3

This course will examine and apply current skills test and assessment techniques in the areas of physical education and fitness. Students will be exposed to critical and thought-provoking questions concerning testing and evaluation.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 584 Planning Facilities for Physical Activities

Credits: 3

The students will gain an understanding of facility development and maintenance. They will learn about the different exterior and interior elements that are needed when developing a facility in the sport, physical education and recreational industries. The students enrolled in PE 584 will research a specialized sport facility, demonstrate application of sports management principles, and present two graduate level projects in the areas of facilities design and facilities operations/management.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 585 GS:Biomechanical Analysis

Credits: 3

A study of the mechanics underlying human motion. The course will apply biomechanical principles to the analysis of the movement. Students will gain advanced experience in the techniques of cinematography and other methods of analysis.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 588 Legal Aspects in Recreation & Sport

Credits: 3

This course will develop the student's awareness and knowledge of legal liability relating to recreation and sport. The student will be introduced to tort liability, negligence and risk management principles. A practical approach to topics such as waivers, standard of care, safety, security, right to participate, sexual harassment and abuse, and other legal aspects of recreation and sport.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 589 Sports Marketing, Promotion, and Consumer Behavior

Credits: 3

This course will focus on a comprehensive examination of the sport industry with an emphasis on marketing sport. The course will investigate common management and marketing science, the nature of sport as a

consumer product and market, sponsorship relationships and consumer behavior. The student enrolled in PE 589 will research the sports marketing elements in the national sports scene. Using the framework of strategic sports marketing the student will design two graduate level projects in this area.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 590 GS:Org&Admin of PE&Sport

Credits: 3

This course will provide a comprehensive and contemporary study of the administration and management concepts with Physical Education and Athletics. Special consideration will be given to the national developments and trends as well as reflect the most current research in the field. Students should acquire a foundation of management concepts, skills, and techniques.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 591 GS:Applied Ex Physiology

Credits: 3

Application of concepts in human physiology to exercise physiology, physical activity and sport training. This course will emphasize laboratory experiences and the student will be expected to apply physiological concepts. The areas of wellness, sport fitness, and nutrition will also be addressed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 601 Philosophy & Ethics in Coaching

Credits: 3

This course includes the development of a personal coaching philosophy regarding social responsibility with an emphasis on ethical conduct, values and sport involvement, and the personal growth of the athlete. Admission to Graduate Education program required.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 602 Research Foundation in Sport: Methods, Statistics, and Analysis

Credits: 3

This course includes the study of research to develop an understanding of the principles and the essential skills needed to engage in research. Admission to Graduate Education program is required.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 603 Sports Skills, Tactics, and Evaluation in Coaching

Credits: 3

This course includes the study of the skills, tactics, and strategies used to develop a competitive sport program with an emphasis on practice planning, game preparation, and evaluation. Admission to Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PE 604 Educational Principles in Coaching

Credits: 3

This course includes the study of methods of implementing educational principles in the daily operation of a sport program with an emphasis on organization, communication, and instructional strategies. Admission to

Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 605 Physical Preparation and Conditioning **Credits: 3**

This course includes the study of scientifically sound conditioning programs and the effects of various training programs and nutrition on the physical and mental performance of the athlete. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

PE 606 Sport Safety and Injury Prevention **Credits: 3**

This course includes the study of methods of injury prevention, injury management, and risk management, and the legal responsibilities of the coach. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602 OR ED_622)) and graduate status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PE 607 Advanced Practicum in Coaching I **Credits: 1 - 2**

This course includes an in-depth coaching experience applying a sports coach's knowledge and skills in a hands-on environment. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

PE 608 Organization, Administration and Marketing of Sport **Credits: 3**

This course includes the study of administrative duties and procedures of a sport program with an emphasis on budgeting, marketing, event management, and facility operations. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PE 609 Psychology of Athletic Performance **Credits: 3**

This course includes the study of effective methods of teaching and motivation to enhance sport performance and the athletes overall experience. Admission to the Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

PE 610 Legal Aspects of Sport for Coaches **Credits: 3**

This course includes the development of a deeper understanding of negligence, legal challenges, operational

risks, and methods of documentation in sport. Admission to Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 611 Portfolio Capstone

Credits: 3

This course includes a student-lead capstone project, along with the development of an electronic portfolio of the Coaching Program reflecting the associated National Association of Sport and Physical Education (NASPE) standards. Admission to the Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 612 Advanced Practicum in Coaching II

Credits: 1 - 2

This course includes an in-depth coaching experience applying a sport coach's knowledge and skills in a hands-on environment in a setting beyond that of the Advanced Practicum in Coaching I course and the students current experience level. Admission to Graduate Education program required.

Pre-Requisites: ((PE_602 AND PE_607) OR (ED_622 AND PE_607)) and graduate status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

PE 613 Graduate Workshop

Credits: 1 - 3

This course is available, with instructor approval, to students qualified to complete graduate level projects.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 697 GS:Current Issues & Curriculum Dev in Health & Physical Education

Credits: 3

This course will explore the latest philosophical issues and controversies which are impacting the field of physical education. Emphasis will be on the student's ability to demonstrate critical thinking in analyzing current literature in physical education concerning its vital importance for students in all phases of academia.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 200 Introduction to Special Needs Lab

Credits: 1

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. This is intended for transfer students who need an introductory field experience. This is equivalent to the SPED 290 lab, which is 15 hours.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 286 Special Topics

Credits: 1 - 4

SPED 290 Introduction to Special Needs and Lab

Credits: 3

This course provides information on the various exceptionalities and facilitates understanding of the basic special needs education services provided to children with disabilities, and includes gifted and talented. Topics

include federal and state mandates, planning with parents, team approaches, teaching methodologies, and curriculum modifications and adaptations. A portfolio, reflective journal, and field experience will assist students in valuing diversity and inclusion.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 304 Professional Development and Classroom Applications Credits: 1

This required course will help candidates in the Special Education teacher education program begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussion and activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience in a Special Education setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 304L Pre-Student Teaching Experience in SPED Practicum Credits: 0 - 1

This required lab will provide guidance to teacher candidates as they complete 10 full days of Pre-Student Teaching Experience (PSTE) and Education Teacher Performance Assessment (EdTPA) requirements. Students will be required to actively participate in a school setting by teaching lessons and engaging in day-to-day functions of the classroom. Additionally students will complete Tasks 1, 2, and 3 of EdTPA.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 305 Action Research for Special Education with PSTE Lab Credits: 3

Teacher candidates will develop skills in interpreting and analyzing research. They will design an action research project that addresses an issue or problem within either their own or another teacher's classroom. Candidates will anecdotally explicate the issue, create a problem statement, form a research question, search and synthesize relevant literature related to the issue and potential solution, create an appropriate instructional plan, implement the plan in collaboration with a mentor teacher, collect and analyze data (progress monitoring), and detail results by relating implications to effective practice and for future consideration. A final presentation of artifacts and data will be made to education faculty and peers. This is a Writing-Intensive course. This course requires a mentored and clinically-rich, pre-student teaching experience of 50 hours.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 400 Field Experience in Special Education Credits: 0 - 2

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 430 Foundations in Mild to Moderate Disabilities Credits: 3

This course provides the characteristics and educational programming for mild to moderate disabilities, including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism

spectrum disorders, traumatic brain injuries, and other health disorders.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 440 Assessment & Educational Planning & lab

Credits: 4

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special education.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 450 Curriculum Design & Implementation in Special Education

Credits: 3

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 460 Positive Behavior Support in Special Education

Credits: 3

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 461 Behavior Management and Social Skills Instruction

Credits: 3

Behavior Management and Social Skills Instruction, provides an examination of theories and methodology of classroom management and the psychosocial development of children and adolescents, especially those at high risk. Emphasis is on the elements of effective planning that prevent management problems, encourage intrinsic motivation to learn, and foster social competence of all children in the inclusive classroom. Techniques of direct observation and functional behavior assessment will be presented. Direct observations and models will be applied. Students will receive in-depth exposure to and practice with research validated instructional practices appropriate for children with behavior disorders, social skills deficits, and those at risk for failure. Requires 15 hours of Field Lab.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 466 Student Teaching K-12 Special Education

Credits: 12

Supervised semester long field experience, required for K-12 Special Education licensure fields, in kindergarten - Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor.

Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.
Admission to Teacher Education program required.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 467 Advanced Student Teaching in Special Education Credits: 1 - 12

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. Additional weeks of supervised practice teaching in the area of Special Education in an elementary and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 468 Special Education Student Teaching for the PASP Program I Credits: 6

This is the first half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least one grade band.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 469 Special Education Student Teaching for the PASP Program II Credits: 6

This is the second half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least two grade bands.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 470 Collaboration in Educational Settings Credits: 3

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 480 Procedural Safeguards in Special Education**Credits: 3**

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 485 Autism Spectrum Disorders: Issues & Needs**Credits: 3**

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives, social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of an partnership with parents.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 486 Special Topics**Credits: 1 - 4****SPED 490 Trends & Traditions in Special Education****Credits: 1**

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 494 Independent Study**Credits: 1 - 4**

This course allows students to do an in-depth, independent exploration of a topic for a better understanding in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 499 Internship**Credits: 1 - 6**

This course involves on-the-job experience. It requires discussion of experience and problems with internship advisor, as well as significant oral and written reports summarizing the learning involved in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 500 Field Experience in Special Education**Credits: 1 - 8**

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 530 Foundations in Mild to Moderate Disabilities**Credits: 3**

This course provides the characteristics and educational programming for mild to moderate disabilities,

including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism spectrum disorders, traumatic brain injuries, and other health disorders.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 540 Assessment & Educational Planning & Lab

Credits: 4

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special education.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 550 Curriculum Design & Implementation in Special Education

Credits: 3

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 560 Positive Behavior Support in Special Education

Credits: 3

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 570 Collaboration in Educational Settings

Credits: 3

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 580 Procedural Safeguards in Special Education

Credits: 3

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 585 Autism Spectrum Disorders: Issues & Needs

Credits: 3

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives,

social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of an partnership with parents.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 586 Special Topics

Credits: 1 - 4

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 590 Trends & Traditions in Special Education

Credits: 1

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 600 Professional Development & Implementation

Credits: 1

Students learn how to create an electronic portfolio to reflect their professional growth and development in Special Education. The portfolio will contain artifacts and written reflection from course work and practicum experiences.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 610 Professional Assessment and Review

Credits: 1

Students create a final electronic portfolio to reflect their professional growth and development in Special Education. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 611 DD Professional Planning and Assessment

Credits: 1

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Developmental Delay. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 613 EBD Professional Planning and Assessment

Credits: 1

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Emotional Behavioral Disorders. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 614 LD Professional Planning and Assessment

Credits: 1

Students create a Live Text portfolio to reflect their professional growth and development in Special

Education: Learning Disabilities. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 620 Characteristics of Students with Learning & Behavior Disorders Credits: 3

This course covers the etiology and characteristics of children and youth with learning and behavior disorders. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated, or medical conditions, and culturally or linguistically diverse students.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 621 Access and Support for Ind. with Moderate to Severe Dev. Disabilities Credits: 3

An examination of the best practices and procedures for meeting the developmental and learning needs of children and youth with developmental disabilities, including appropriate medical support and adaptive, augmentative, and/or assistive technologies.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 623 Characteristics of Students with Moderate to Emotional Behavior Disorders Credits: 3

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 624 Characteristics of Students with Moderate to Severe Learning Disabilities Credits: 3

This course covers the etiology and characteristics of children and youth with Moderate to Severe Learning Disabilities. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated, or medical conditions, and culturally or linguistically diverse students and the collaboration needed for student success.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 625 Applied Research and Assessment in Education Credits: 3

Students will learn and apply education research and assessment as a means of analyzing and improving teaching and the learning of content. Students will use their findings to enhance the scholarship of teaching and learning.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 626 Research: Project Design Credits: 3

Students identify an issue of interest to their professional development. The issue may include, but is not limited to, instructional, organizational, or community processes related to their practice or content area.

Students develop a research project designed to improve, implement or understand the issue identified.
Admission to Special Education Graduate Program is required.

Pre-Requisites: ((SPED_625)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 627 Research Project Implementation

Credits: 2

Students implement and complete their research project

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 641 Life Span Learning & Outcomes for Individuals w/ Mod to Severe Dev Disabil

Credits: 3

A study of the cognitive, social, motor, communication, and affective behavior and needs of children, youth, and adults with moderate to severe developmental disabilities, including transition needs and independent living, safety, leisure, and vocational programming.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 642 Programming & Assessment in Early Childhood ECSE: Birth to 6

Credits: 3

Current research and recommended practices for early intervention will guide the study of the methods and materials employed with infants and young children, birth through age 6.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 643 Behavior Management & Teaching Strategies

Credits: 3

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 644 Teaching & Achievement Strategies for Learning Disabilities

Credits: 3

A study of the theories, content, methods, and materials for delivery of instruction for students with learning disabilities and differences. Procedures to deliver individualized instruction, develop and/or modify instructional materials, and adapt to various instructional models are developed and practiced.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 670 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 1-3

Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching

children with autism spectrum disorders in birth through age 21 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 673 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 1-3 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children with emotional/behavioral disorders in grades K-12 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 674 LD: Practicum in Learning Disabilities in grades K-12, Levels 1-3 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children with learning disabilities in grades K-12 settings across levels 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 680 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 3-4 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching children with autism spectrum disorders in birth through age 21 settings across levels 3 to 4 3 (moderate to severe disability levels). Students must be enrolled in or have successfully completed one of the following courses: SPED 686, SPED 687, or SPED 688

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 681 DD Practicum in SPED:Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Primary (K-4)/Middle Level(5-8) educational setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 682 ECSE Practicum in Special Education: Birth - 3 years Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a home-based and center-based educational setting for infants/toddlers/preschool through age three.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 683 EBD Practicum in SPED: Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 683 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 3-4 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children with emotional/behavioral disorders in grades K-12 settings across levels 3 to 4 (moderate to severe disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 684 LD Practicum in SPED:Primary(K-4)/Middle Level (5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 686 Autism Spectrum Disorders:Assessment & Programming Credits: 3

This course covers assessment, eligibility criterion, programming, and transition plans for individuals with ASD. Generalization of skills to natural environments is included.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 687 Autism Spectrum Disorders: Communication & Social Skills Credits: 3

This course covers the communication needs and supports for individuals with ASD and their relationship to social skill development. The impact of cultural and linguistic diversity is included.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 688 Autism Spectrum Disorders: Behavioral & Instructional Strategies Credits: 3

This course covers factors that affect behavior in individuals with ASD. This includes research-based methods, proactive strategies, and positive behavioral supports. Includes a field experience.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 691 DD Practicum in SPED: Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Middle Level(5-8)/High School (9-12) educational setting or adult individual, including transition programs

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 692 ECSE Practicum in Special Education: 4 years to 1st grade Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a center-based educational setting for preschoolers, kindergarteners, & 1st graders.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 694 LD Practicum in SPED: Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Middle Level (grades 5-8) and High School (9-12) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

TESL 304 Professional Development & Classroom Applications Credits: 1

This required course will help the teacher education student begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussions and activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience (all majors).

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 304L Pre-Student Teaching Experience in TESL Practicum Credits: 0 - 1

This lab will allow teacher candidates a 10-day classroom experience in preparation for student teaching with the implementation of the edTPA - Teacher Performance Assessment.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 431 Foundations of Teaching ESL & Lab Credits: 3

This course is designed to introduce TESL teacher candidates to fundamental theories in the field of teaching ESL. The course builds a foundation of understanding of English learners and topics impacting the academic

experiences of language minority students in the United States. TESL teacher candidates will participate in a 15 hour lab field experience with focus on culturally and linguistically diverse learners. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 432 Understanding Second Language Acquisition **Credits: 3**

This course is designed to provide an overview of second language acquisition, focusing on communication, pattern, and variability. Through research and practical applications, TESL teacher candidates will develop an understanding of native language acquisition and second language acquisition as well as the impact on the academic setting for ELs, including linguistic, cognitive, social, and affective factors. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

TESL 433 Assessment in TESL **Credits: 3**

This course is designed to focus on assessment of English learners across all content areas. TESL teacher candidates will research, develop, and implement effective assessments for ELs to determine language proficiency as well as academic competency. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_431) OR (ED_431) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

TESL 434 Second Language Literacy & Linguistics **Credits: 3**

This course is designed to focus on literacy skills: listening, speaking, reading, writing, viewing, and visually representing with an emphasis on linguistics. TESL teacher candidates will consider first and second language acquisition as well as linguistics in efforts to improve the literacy process for ELs. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_431) OR (ED_431) **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

TESL 435 TESL Methods & Lab **Credits: 3**

This course is designed to provide TESL teacher candidates opportunities to create, implement, and reflect on the teaching and learning process regarding the integration of content and language instruction. Teacher candidates will consider best practices in the field of ESL including strategies and methods based on evidence. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_431) OR (ED_431) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

TESL 436 TESL Partnerships **Credits: 3**

This course is designed to provide TESL teacher candidates with opportunities to focus on standards and principles of ESL while considering community partnerships and involvement of ESL stakeholders. This

course has a community component, which requires experiences outside the class teacher candidates develop and implement a plan of action to demonstrate planning, commitment, and involvement with ESL stakeholders. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 437 TESL Practicum

Credits: 3

This practicum is the capstone of the MN K-12 Teacher of ESL Licensure program. Placements will focus on the elementary, middle, and secondary levels. TESL teacher candidates must complete licensure coursework before enrolling in the TESL Practicum. This should be the final term of the TESL teacher candidates program. Approval by instructor required. Course may be concurrently taken with ED 433/533 Assessment in TESL

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

TESL 466 Student Teaching in TESL; K-12 & Seminar

Credits: 12

Supervised semester-long field experience, required for K-12 licensure fields, in Kindergarten-Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

TESL 467 Advanced Student Teaching in TESL-Teaching English as a Second Language

Credits: 1 - 12

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field providing additional weeks of supervised practice teaching in the area of TESL in an elementary, middle, and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

TESL 531 Foundations of Teaching ESL & Lab

Credits: 3

This course is designed to introduce TESL teacher candidates to fundamental theories in the field of teaching ESL. The course builds a foundation of understanding of English learners and topics impacting the academic experiences of language minority students in the United States. TESL teacher candidates will participate in a 15 hour lab field experience with focus on culturally and linguistically diverse learners. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 532 Understanding Second Language Acquisition

Credits: 3

This course is designed to provide an overview of second language acquisition, focusing on communication, pattern, and variability. Through research and practical applications, TESL teacher candidates will develop an understanding of native language acquisition and second language acquisition as well as the impact on the academic setting for ELs, including linguistic, cognitive, social, and affective factors. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

TESL 533 Assessment in TESL**Credits: 3**

This course is designed to focus on assessment of English learners across all content areas. TESL teacher candidates will research, develop, and implement effective assessments for ELs to determine language proficiency as well as academic competency. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_531) OR (ED_531) and graduate status. **Course Frequency:** *Fall: All Years
Spring: N/A Summer: N/A*

TESL 534 Second Language Literacy & Linguistics**Credits: 3**

This course is designed to focus on literacy skills: listening, speaking, reading, writing, viewing, and visually representing with an emphasis on linguistics. TESL teacher candidates will consider first and second language acquisition as well as linguistics in efforts to improve the literacy process for ELs. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_531) OR (ED_531) and graduate status. **Course Frequency:** *Fall: N/A Spring:
N/A Summer: All Years*

TESL 535 TESL Methods & Lab**Credits: 3**

This course is designed to provide TESL teacher candidates opportunities to create, implement, and reflect on the teaching and learning process regarding the integration of content and language instruction. Teacher candidates will consider best practices in the field of ESL including strategies and methods based on evidence. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_531) OR (ED_531) and graduate status. **Course Frequency:** *Fall: All Years
Spring: N/A Summer: N/A*

TESL 536 TESL Partnerships**Credits: 3**

This course is designed to provide TESL teacher candidates with opportunities to focus on standards and principles of ESL while considering community partnerships and involvement of ESL stakeholders. This course has a community component, which requires experiences outside the class teacher candidates develop and implement a plan of action to demonstrate planning, commitment, and involvement with ESL stakeholders. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 537 TESL Practicum (Teaching ESL Practicum)**Credits: 3**

This practicum is the capstone of the MN K-12 Teacher of ESL Licensure program. Placements will focus on the elementary, middle, and secondary levels. TESL teacher candidates must complete licensure coursework before enrolling in the TESL Practicum. This should be the final term of the TESL teacher candidates program. Approval by instructor required. Course may be concurrently taken with ED 433/533 Assessment in TESL.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

Business: Graduate - MBA**Master of Business Administration: M.B.A.(36-40 Credits)****Pre-requisite Courses: (4 Credits)**

Notes:

The pre-requisite courses offer students whose undergraduate degrees are in non-business areas a foundation in business terminology.

FIN 493 is a basic statistics course for those who have not completed a college-level statistics course.

FIN 493	Statistical Concepts & Terminology	Credits: 1
MGMT 493	Business Concepts & Terminology	Credits: 3

I. Required Courses (24 Credits)

MBA 606	Accounting for Managers	Credits: 3
MBA 607	Strategic Marketing Management	Credits: 3
MBA 609	Management of Production and Operations	Credits: 3
MBA 660	Legal and Ethical Environment of Business	Credits: 3
MBA 670	Financial Analysis	Credits: 3
MBA 681	Int'l Bus & Leadership	Credits: 3
MBA 684	Managerial Economics	Credits: 3
MBA 685	Strategic Mgmt & Policy	Credits: 3

II. Concentrations: (12 Credits)**A. General MBA Concentration Courses:**

MBA 521	Business to Business Marketing	Credits: 3
MBA 531	Sales Management	Credits: 3
MBA 561	Entrepreneurship	Credits: 3
MBA 603	Organ & Managerial Behav	Credits: 3
MBA 610	Interpersonal and Managerial Skills in Organizations	Credits: 3
MBA 620	Negotiation & Mediation: Agreements in Law & Business	Credits: 3
MBA 630	App Mgmt Decision Instru	Credits: 3
MBA 651	Leadership & Team Mgmt	Credits: 3
MBA 652	Organization Development & Change Management	Credits: 3
MBA 653	Human Resource Management	Credits: 3
MBA 680	Technology Management	Credits: 3
MBA 682	Diversity Management	Credits: 3
MBA 686	Seminar in Mgmt Issues	Credits: 3

B. Leadership Concentration Courses:

Notes:

The leadership concentration within the MBA degree provides students with knowledge of the key theories and concepts in this discipline, as well as hands-on applications and skills. This concentration prepares students to become leaders and facilitate teams within an organizational setting. Students will gain skills in understanding, predicting, and managing human behavior in organizations. The use of case studies and simulations, in particular, in the leadership concentration courses provides students with experience working in small groups and teams to accomplish a common goal.

Leadership Core:

MBA 603	Organ & Managerial Behav	Credits: 3
MBA 651	Leadership & Team Mgmt	Credits: 3
MBA 652	Organization Development & Change Management	Credits: 3

Select one course from the following:

MBA 610	Interpersonal and Managerial Skills in Organizations	Credits: 3
MBA 620	Negotiation & Mediation: Agreements in Law & Business	Credits: 3
MBA 653	Human Resource Management	Credits: 3

MBA 680	Technology Management	Credits: 3
MBA 682	Diversity Management	Credits: 3
MBA 686	Seminar in Mgmt Issues	Credits: 3

C. Marketing Concentration Courses:

Notes:

The field of marketing impacts all aspects of business in the global economy today. Success or failure of a product or service in today's highly competitive marketplace depends on a well-executed marketing program. SMSU MBA with concentration in Marketing would provide the needed tools to succeed in the highly competitive global marketplace.

Marketing Core:

MBA 511	Integrated Marketing Communications	Credits: 3
MBA 521	Business to Business Marketing	Credits: 3

Select two courses from the following:

MBA 531	Sales Management	Credits: 3
MBA 541	Marketing Research	Credits: 3
MBA 561	Entrepreneurship	Credits: 3
MBA 620	Negotiation & Mediation: Agreements in Law & Business	Credits: 3

Total Credits: **36-40****Course Descriptions****MBA 511 Integrated Marketing Communications Credits: 3**

Historically, promotional forms have been separated between personal selling and the remaining elements of advertising, public relations and sales promotion. In recent years, most firms have experienced significant cost savings by combining all four elements to maximize the return on the invested promotional dollars. The linkage of the sales function with promotional activities enhances the effectiveness of the salesperson while creating a common linkage with all other marketing functions within the firm. This course will offer the greatest level of detail in allocating both time and resources between the various promotional options of any marketing courses offered at SMSU.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years***MBA 521 Business to Business Marketing Credits: 3**

The marketing process between business organizations is much more extensive than consumer marketing in terms of transaction size and complexity. The high concentration of business-to-business firms in specific geographic areas is analyzed and the specialized marketing tools required to reach them are evaluated. The unique operating characteristics of the business marketing process is detailed, providing students with a broad understanding necessary to be productive in this lucrative segment of the marketing profession.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A***MBA 531 Sales Management Credits: 3**

This course is designed to help students learn sales management concepts and how to apply them to solve business problems.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A***MBA 541 Marketing Research Credits: 3**

The marketing concept has always focused on meeting the customer's needs. Those needs, in order to be properly fulfilled, must be predicted on an unbiased understanding of the consumer's attitudes and

perceptions. To develop that unbiased method of sampling the target population in a manner that will be reassuring as being valid, correct research principles must be implemented. This course will offer actual hands-on experience in developing an understanding of research principles. Specific organizations will be targeted and research projects will be completed in their behalf as part of the course offering. The critical issues of ethical procedures coupled with sound statistical processes will be included in the course content.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MBA 561 Entrepreneurship

Credits: 3

The marketing process between business organizations is much more extensive than consumer marketing in terms of transaction size and complexity. The high concentration of business-to-business firms in specific geographic areas is analyzed and the specialized marketing tools required to reach them are evaluated. The unique operating characteristics of the business marketing process is detailed, providing students with a broad understanding necessary to be productive in this lucrative segment of the marketing profession.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MBA 571 International Marketing

Credits: 3

International Marketing requires a different set of marketing skills than those practiced by domestic marketers. Culture, business approaches, language barriers are all issues that must be considered for successful marketing campaigns executed outside the USA.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MBA 594 Independent Study

Credits: 3

This will allow for specialized study for graduate students who seek more in-depth study in particular areas within the Business discipline.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MBA 603 Organ & Managerial Behav

Credits: 3

Focuses on human behavior in organizations. A micro to macro approach is employed, progressively studying behavior from the individual, to the group, to the organizational level. The goal of the course is to discover ways to understand and improve behavior at each level, and thereby increase the efficiency of the organization.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MBA 606 Accounting for Managers

Credits: 3

Will introduce the design, development and use of accounting systems; development and analysis of accounting data for managerial planning, control, and decision-making; and discussion of current trends and issues of managerial accounting. This will be presented as a course for non-accounting professionals and executives.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MBA 607 Strategic Marketing Management

Credits: 3

This course is designed for the graduate student that either has some elementary exposure to marketing as an undergraduate or has no foundational exposure to the subject. The class content will briefly review basic

marketing principles as they relate to solving case studies. Teams will be assigned and given approximately four preliminary cases and one final strategic case. The feedback gained from each case presentation is designed to enhance the students understanding of the subject and prepare them for the next case that increases in difficulty with each progressive round during the term. At the conclusion of the course, the student should be better prepared to understand how marketing is a fundamental guiding principle to business decisions in today's globally competitive marketplace.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MBA 609 Management of Production and Operations Credits: 3

This course is devoted to an organization's conversion of resources into products and services. Both long-term (strategic) and day-to-day operations (tactical) level decision-making will be studied. Topics will include operations strategy, process/service development, aggregate planning, theory of constraints, JIT, TQM, and related topics.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MBA 610 Interpersonal and Managerial Skills in Organizations Credits: 3

This course is designed to increase students' self-awareness and how it relates to interpersonal and managerial effectiveness. This course improves advanced managerial skills such as goal-setting, time management, running effective meetings, team facilitation, feedback, networking, coaching, mentoring, and empowerment. It includes current research on optimism, resilience, self-efficacy, work and emotions, cooperation vs. competition, and work design.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MBA 620 Negotiation & Mediation: Agreements in Law & Business Credits: 3

This course examines the role of negotiations and mediation in conflict resolution. With the former, we consider theoretical knowledge and practical skills essential to being effective negotiators. With the latter, the course delves into the mediation process. In so doing, the role of the third-party neutral, or the mediator, is examined in its role in assisting disputing parties reach resolution. With both, the course overlays law topics that are relevant to managers in the legal environment. Such legal topics will require students to employ negotiation strategies to resolve conflict.

Course Frequency: *Fall: N/A Spring: N/A Summer: Dept Discretion*

MBA 630 App Mgmt Decision Instru Credits: 3

Provides an exposure to management decision paradigms that are most widely used in the business sector of the economy. The topics extend the range of decision tools beyond those used in other coursework in the program.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MBA 651 Leadership & Team Mgmt Credits: 3

Provides selected models and practices in effective leadership and team management. The methods and practices are derived from applied research and will provide the student with hands-on management skills that can be applied immediately to the work environment.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

MBA 652 Organization Development & Change Management Credits: 3

Organization development (OD) is concerned with planning, researching, and implementing interventions aimed at organizational change and renewal. The course focuses on understanding and developing process consulting skills. The course will also engage in in-depth exploration of various intervention strategies, including human process, technostuctural, systemwide, and strategic change.

Course Frequency: *Fall: All Years Spring: N/A Summer: All Years*

MBA 653 Human Resource Management Credits: 3

The course explores the various functions and roles involved in strategic human resouce (HR) management. Emphasis will be on the strategic nature of HR while also providing an overview of the more operational aspects of the field. Focus will be on emerging business and demographic trends and their impact on HR.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MBA 660 Legal and Ethical Environment of Business Credits: 3

This course seeks to provide students with a sound understanding of legal principles within the context of management decision making and commercial transactions. In addition, this course examines the ethical implications for certain business decisions. That is, this course examines ethical standards of proper conduct within business decisions, and where appropriate, applies those standards.

Course Frequency: *Fall: N/A Spring: All Years Summer: All Years*

MBA 670 Financial Analysis Credits: 3

Analyzes the financial strengths and weaknesses of companies both qualitatively and quantitatively. Analysis includes evaluation of financial statements, national and international economic conditions, industry trends, strategies of the firms as well as accounting principles and procedures underlying financial statements. Includes both assessment of existing problems and opportunities as well as development of alternative courses of action.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

MBA 680 Technology Management Credits: 3

Focuses on the role of technology in organizations. A top-down approach is used which will range from considering technology as a strategic variable for competitive advantage to applying technology as a means of improving operational efficiency and customer service. The course considers the challenges of innovation as well as the potential conflicts and resistance resulting from technological change.

Course Frequency: *Fall: N/A Spring: N/A Summer: Dept Discretion*

MBA 681 Int'l Bus & Leadership Credits: 3

Examines the international business climate and the success of American firms in the global marketplace; different modes of penetrating foreign markets; international finance and the international banking system. Factors affecting American competitiveness in the global economy will be reviewed. Students will successfully complete a term project involving a simulated negotiation to set up an operation in another country.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

MBA 682 Diversity Management Credits: 3

Covers trends and behaviors in various recognized minority and ethnic groups in the United States as well as cross-cultural interaction. Students will develop an awareness and sensitivity to the needs and conditions of diverse groups; as well as specific skills in interacting with people from other cultures, ethnicities, and orientations.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MBA 684 Managerial Economics**Credits: 3**

This course will prepare the student in the area of economic reasoning, a capability that is an important element in the tool kit of all successful executives in business, government, and nonprofit enterprise. Much of the work will be grounded in microeconomic theory, although some applications of macroeconomic thinking will be employed. Microeconomic decision models are robust, used in a wide spectrum of applications to help think through the likely behaviors and outcomes. Powerful economic models will be utilized to analyze business scenarios, predict market outcomes, and recommend policies and decisions. Topics include operations strategy, process/service outcome, aggregate planning, theory of constraints, JIT, TQM, and related concepts.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

MBA 685 Strategic Mgmt & Policy**Credits: 3**

Studies the pursuit of the organization's mission while integrating the organization into its environment. This course examines techniques of long-range organizational planning, strategy formulation, and strategy implementation. The purpose of the course is to develop insights and a working knowledge of major strategic management processes.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MBA 686 Seminar in Mgmt Issues**Credits: 3**

This course will provide a general management perspective of current and emerging issues facing organizations. Students will be required to address and analyze the many dilemmas and problems managers encounter in fashioning short-and long-term solutions and in taking action. The focus of the seminar will be "Management of the Future."

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Accounting

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Glenn Bayerkohler, Lamine Conteh, Mark Goodenow, Will Thomas

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Accounting](#)

[Download MAP](#)

The primary objective of the Accounting Program is to prepare students for the full range of responsibilities which professional accountants are expected to assume. Fulfillment of these responsibilities requires both a high level of technical knowledge and a profound awareness of the context and consequences of professional decision-making. Further, the program satisfies the academic requirements to sit for the Certified Public Accountant (CPA) examination, the Certified Management Accountant (CMA) examination, and the Certified Internal Auditor (CIA) examination.

Completion of the minor in Accounting program provides a core of fundamental accounting courses enhancing any business-oriented course of study. Completion of the two-year accounting degree provides the student with a background suitable for either clerical or paraprofessional work in the accounting field.

Note: Students must achieve a cumulative GPA of 2.25 or higher by the time they complete 64 credit hours in order to continue in the Accounting Program. A 2.25 or higher cumulative GPA for all SMSU ACCT courses (excluding ACCT 300) is required in order to graduate as an Accounting major. GPA requirements for transfer students will be evaluated only on the basis of SMSU coursework. Students transferring in more than 40 credit hours are exempt from the above 64 credit hour 2.25 cumulative GPA requirement.

Transfer Students: Students planning to take any courses at other colleges or universities should first review a copy of the Accounting Program transfer policy. This policy sets certain limitations on transfer credits accepted toward an accounting degree.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Accounting(57 Credits)

I. Related Requirements (30 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
BLAW 305	Legal Environment and Contract Law	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3
FIN 230	Business Statistics I	Credits: 3
MGMT 300	Management Principles	Credits: 3

A. One of the following:

ECON 470	International Business & Economics	Credits: 3
POL 200	International Politics	Credits: 3
POL 340	Public Policy & Administration	Credits: 3
POL 356	Politics of Global Economy	Credits: 3

B. One of the following:

COMM 200	Small Group Communication	Credits: 3
ENG 331	Business Communications	Credits: 3
ENG 360	Scientific & Technical Writing	Credits: 3

Notes:

COMM 300+ Any upper-division Communications course

C. One of the following:

BLAW 355	Commercial and Financial Law	Credits: 3
ECON 328	Money and Banking	Credits: 3
FIN 360	Insurance and Risk Management	Credits: 3
FIN 366	Real Estate	Credits: 3

FIN 375	Investments _____	Credits: 3
FIN 457	Corporate Finance I _____	Credits: 3
MGMT 330	Organizational Behavior and Theory _____	Credits: 3
MGMT 350	Human Resources _____	Credits: 3
MGMT 454	Labor Relations _____	Credits: 3
MGMT 492	Business Policy _____	Credits: 3
MKTG 301	Principles of Marketing _____	Credits: 3

II. Major Courses (27 Credits)

ACCT 311	Intermediate Accounting I _____	Credits: 3
ACCT 312	Intermediate Accounting II _____	Credits: 3
ACCT 340	Cost Accounting I _____	Credits: 3
ACCT 350	Federal Tax I _____	Credits: 3
ACCT 360	Accounting Information System _____	Credits: 3
ACCT 401	Advanced Accounting _____	Credits: 3
ACCT 421	Auditing I _____	Credits: 3
ACCT 445	Senior Capstone _____	Credits: 3

One course from the following accounting electives:

ACCT 330	Accounting for Government & Not-For-Profit Entities _____	Credits: 3
ACCT 341	Cost Accounting II _____	Credits: 3
ACCT 370	Microcomputers in Accounting _____	Credits: 3
ACCT 422	Auditing II _____	Credits: 3
ACCT 440	Accounting Theory & Problems _____	Credits: 3
ACCT 451	Federal Tax II _____	Credits: 3

Total Credits: **57**

150 Semester Hours Accounting Emphasis(150 Credits)

- a. Bachelor of Science degree with an Accounting Major (120 Credits)
- b. An additional nine (9) credits of Accounting electives selected from the above listed major courses (9 Credits)

Notes:

ACCT 499 Internship in Accounting may count for up to 6 credits of the 9 required.

- c. One additional course from Group A or B (Listed under B.S. Accounting requirements) (3 Credits)
- d. An additional 6 credits selected from Group C (Listed under B.S. Accounting requirements) (6 Credits)
- e. 12 credits of open electives (additional internship credits do not count) (12 Credits)

Total Credits: **150**

Minor: Accounting (24 Credits)**I. Accounting Core**

ACCT 211	Principles of Accounting I _____	Credits: 3
ACCT 212	Principles of Accounting II _____	Credits: 3
ACCT 311	Intermediate Accounting I _____	Credits: 3
ACCT 312	Intermediate Accounting II _____	Credits: 3
ACCT 340	Cost Accounting I _____	Credits: 3
ACCT 350	Federal Tax I _____	Credits: 3

One of the following:

ECON 201	Principles of Microeconomics _____	Credits: 3
ECON 202	Principles of Macroeconomics _____	Credits: 3

One of the following:

ACCT 330	Accounting for Government & Not-For-Profit Entities _____	Credits: 3
ACCT 341	Cost Accounting II _____	Credits: 3
ACCT 360	Accounting Information System _____	Credits: 3

ACCT 451 Federal Tax II Credits: 3

Total Credits: **24****Associate of Science: Accounting(64 Credits)****I. Accounting Core: (30 Credits)**

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
ACCT 311	Intermediate Accounting I	Credits: 3
ACCT 312	Intermediate Accounting II	Credits: 3
ACCT 340	Cost Accounting I	Credits: 3
ACCT 350	Federal Tax I	Credits: 3
BLAW 305	Legal Environment and Contract Law	Credits: 3
FIN 230	Business Statistics I	Credits: 3
MGMT 300	Management Principles	Credits: 3

Choose one Accounting elective:

ACCT 330	Accounting for Government & Not-For-Profit Entities	Credits: 3
ACCT 341	Cost Accounting II	Credits: 3
ACCT 360	Accounting Information System	Credits: 3
ACCT 451	Federal Tax II	Credits: 3

II. Minnesota Transfer Curriculum (MnTC) for A.S. Degree: (30 Credits)**MnTC Goal 1: Communication (3 courses, 10 credits)**

COMM 110	Essentials of Speaking and Listening	Credits: 3
ENG 151	Academic Writing	Credits: 4
ENG 251	Writing in Professions	Credits: 3

MnTC Goal 2: Critical Thinking (1 course, 3 credits)

LEP 100	First Year Seminar	Credits: 3
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MnTC Goal 3: Natural Sciences (1 course with lab, 4 credit)

Notes:

See the section of the catalog: [The SMSU Liberal Education Program & Minnesota Transfer Curriculum \(MnTC\)](#).**MnTC Goal 4: Mathematical/Logical Reasoning (1 course, minimum 3 credits)**

MATH 110	College Algebra	Credits: 3
MATH 115	Finite Mathematics	Credits: 3
MATH 140	Calculus: A Short Course	Credits: 3
MATH 150	Calculus I	Credits: 5

MnTC Goal 5: History and the Social and Behavioral Sciences (Choose one, 3 credits)

ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3

MnTC Goal 6: The Humanities and Fine Arts (Choose one, 3 credits)

Notes:

For Goal 6 courses, see the section of the catalog: [The SMSU Liberal Education Program & Minnesota Transfer Curriculum \(MnTC\)](#).**Elective Minnesota Transfer Curriculum Credits:**

Notes:

Choose one or more courses totaling four (4) credits for MnTC Goals 3, 5, 6, 7, 8, 9 or 10. Subject to LEP restriction of no course prefix repetition. See current Minnesota Transfer Curriculum (MnTC) in the section of this catalog: [The SMSU Liberal Education Program & Minnesota Transfer Curriculum \(MnTC\)](#).Total Credits: **64****Course Descriptions**

ACCT 100 Accounting for Non-Business Majors Credits: 3

Introduction to the field of accounting, uses of accounting information, and fundamentals of statement analysis for non-Business majors.

Pre-Requisites: (MATH_110) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ACCT 211 Principles of Accounting I Credits: 3

Introduction to reporting financial information regarding the operating, investing, and financing activities of business enterprises to present to potential investors, creditors, and others. Topics covered include basic financial statements, business transactions, the accounting cycle, forms of business organizations, internal control, cash, receivables, inventories, long-term assets, depreciation, and current liabilities.

Pre-Requisites: (MATH_110) OR (MATH_115) OR (MATH_125) OR (MATH_135) OR (MATH_140) OR (MATH_150) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

ACCT 212 Principles of Accounting II Credits: 3

A continuation of ACCT 211. Financial accounting topics covered include stockholders' equity, statement of cash flows, and financial statement analysis. An introduction to management accounting topics such as cost allocation, product costing, cost-volume-profit analysis, responsibility accounting, operational budgeting, and capital budgeting.

Pre-Requisites: C- or better in (ACCT_211) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

ACCT 300 Hospitality Accounting Credits: 3

Financial management of hospitality accounting focusing on its special reports, planning, control, and budgeting.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ACCT 310 Managerial Accounting Credits: 3

This course is not available to accounting majors. It studies the uses of accounting data to aid managers in directing the affairs of business and non-business organizations. Includes cost behaviors and concepts, job costing, cost-volume-profit relationships, budget and variance analysis, standard costing, controls for decentralized operations, and relevant costs for decision-making.

Pre-Requisites: C- or better in ((ACCT_212 AND ECON_201) OR (ACCT_212 AND ECON_202)) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ACCT 311 Intermediate Accounting I Credits: 3

An intensive study of financial accounting and reporting. Accounting topics covered include: accounting standards, conceptual framework, income statement, balance sheet, time value of money, cash and receivables, inventories, acquisition and disposition of property, and depreciation.

Pre-Requisites: C- or better in (ACCT_212 AND ECON_201) OR (ACCT_212 AND ECON_202) **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

ACCT 312 Intermediate Accounting II Credits: 3

A continuation of ACCT 311 Intermediate Accounting I. Accounting topics covered include: intangible assets, current liabilities, long-term liabilities, stockholders' equity, earnings per share, revenue recognition, investments, accounting changes, and statement of cashflows.

Pre-Requisites: C- or better in (ACCT_311 AND ECON_201 AND ECON_202) **Course Frequency:** *Fall: N/A Spring: All Years Summer: Dept Discretion*

ACCT 313 Intermediate Accounting III

Credits: 3

Intensive study of balance sheet accounts and their relationship to the income statement. Also includes study of funds statement, accounting for leases and pension plans, incomplete records, and price level restatements.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ACCT 330 Accounting for Government & Not-For-Profit Entities

Credits: 3

This course includes a survey of state and local government accounting, as well as accounting for colleges and universities, school systems, hospitals, voluntary health and welfare organizations, and other nonprofit organizations.

Pre-Requisites: (ACCT_212) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ACCT 340 Cost Accounting I

Credits: 3

A study of basic development and application of accounting for management decision-making. Includes cost flows in a manufacturing environment with emphasis on job order and process cost systems. Other cost accounting topics are: cost allocation with joint and by-products, back flush accounting, factory overhead analysis, and activity-based costing.

Pre-Requisites: (ACCT_212 AND ECON_201) OR (ACCT_212 AND ECON_202) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

ACCT 341 Cost Accounting II

Credits: 3

An advanced study emphasizing the design, development and use of cost/managerial accounting systems for planning, performance evaluation and analysis used in the management decision-making process.

Pre-Requisites: ((ACCT_340 AND MGMT_300)) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ACCT 350 Federal Tax I

Credits: 3

Theory and principles involved in computation of federal income taxes for individuals are covered in this course.

Pre-Requisites: (ACCT_212) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

ACCT 360 Accounting Information System

Credits: 3

This course provides the knowledge and skills needed to be able to understand and evaluate the performance of information systems. The course will examine the five principal components of an accounting system:

revenues, expenditures production, human resources, and general ledger. The course will also look at control and audit of accounting information systems.

Pre-Requisites: (ACCT_212) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ACCT 370 Microcomputers in Accounting

Credits: 3

This course teaches the use of contemporary accounting software packages to maintain financial records and prepare financial statements. Students successfully completing the course will be able to set up a basic recordkeeping system, post financial transactions and prepare financial statements using the selected software.

Pre-Requisites: (ACCT_360) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ACCT 385 Pre-Employment Seminar

Credits: 1

Students who plan to participate in the internship program discuss the experiences of students who have completed internships. Students will be given instruction in interviewing techniques.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

ACCT 401 Advanced Accounting

Credits: 3

This course includes a study of the following accounting topics: deferred income taxes, capital leases, pensions and post-retirement benefits, consolidated financial statements, partnerships, branches, business combinations, segments, multi-national operations, interim reporting, and Securities and Exchange Commission (SEC) reporting.

Pre-Requisites: (ACCT_312) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

ACCT 421 Auditing I

Credits: 3

This course is an introductory fundamental course in auditing. Topics will include purpose, scope, concepts and methods used in examining and attesting to financial statements. Study and evaluation of internal control, statistical sampling, working papers, planning the audit engagement, professional standards and auditor liability are specific.

Pre-Requisites: (ACCT_312 AND ACCT_340) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

ACCT 422 Auditing II

Credits: 3

This course involves the in-depth study of auditing as it applies to external financial statements. Emphasis is placed on the application of Generally Accepted Auditing Standards, with special emphasis on field and reporting standards. An Audit Practice Case is included to provide students with additional awareness of the audit process.

Pre-Requisites: (ACCT_421) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ACCT 440 Accounting Theory & Problems

Credits: 3

An examination of various aspects of financial accounting theory, such as its history, the processes used in

development of accounting theory, alternative measurement models, the conceptual framework and its value. Selected contemporary issues and standards will be used each semester to aid in total understanding.

Pre-Requisites: (ACCT_312) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

ACCT 445 Senior Capstone

Credits: 3

An integrated learning experience in the senior year including applications, research, and presentations.

Pre-Requisites: (ACCT_312 AND ACCT_340 AND ACCT_350 AND ACCT_421) and senior status.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ACCT 451 Federal Tax II

Credits: 3

This course involves the study of the taxation of partnerships, corporations, trusts, estates, and property transactions.

Pre-Requisites: C- or better in (ACCT_350) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ACCT 486 Special Topics in Accounting

Credits: 1 - 3

ACCT 494 Independent Study in Accounting

Credits: 1 - 3

Arranged Independent Study in Accounting

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ACCT 499 Internship in Accounting

Credits: 3 - 9

This course involves on-the-job experience in the accounting field.

Pre-Requisites: (ACCT_385) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

Agriculture**Bachelor of Science: Agribusiness Management(59-60 Credits)****I. Agribusiness Management Core (26 Credits)**

AGBU 101	Seminar I: Career Development & Portfolio Design	Credits: 1
AGBU 350	Agricultural & Environment Law	Credits: 3
AGBU 360	Agricultural Finance	Credits: 3
AGBU 365	Farm and Ranch Management I	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
AGBU 475	Agricultural and Food Policy	Credits: 3
AGBU 495	Seminar II: Career Readiness & Portfolio Assessment	Credits: 1
ECON 201	Principles of Microeconomics	Credits: 3
ECON 210	Introduction to Cooperatives	Credits: 3

One of the following courses:

AGBU 400	International Agricultural Development	Credits: 3
ECON 390	Economic Development	Credits: 3

II. Business Core (15 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3
FIN 230	Business Statistics I	Credits: 3
MGMT 221	Computer Concepts and Applications	Credits: 3

III. Math and Science Core (9-10 Credits)

ENVS 301	Basic Soil Science	Credits: 3
MATH 110	College Algebra	Credits: 3

One of the following courses:

AGRO 132	Principles & Practices of Crop Production	Credits: 4
AGRO 212	Grain & Forage Crop Management	Credits: 3

IV. Agribusiness Management Concentrations (9 Credits)*Select one of the following two concentrations:***A. Farm Management and Marketing**

AGBU 330	Commodity Futures & Options Trading	Credits: 3
MGMT 300	Management Principles	Credits: 3

One of the following courses:

AGBU 331	Financial Futures and Options Trading	Credits: 3
AGBU 366	Farm and Ranch Management II	Credits: 3
AGBU 410	Cooperative & Agribusiness Management	Credits: 3
AGBU 499	Internship	Credits: 1 - 6
AGRO 450	Issues in Sustainable Agriculture	Credits: 2
ENG 331	Business Communications	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3
MKTG 331	Professional Selling	Credits: 3

B. Agricultural Finance

ECON 328	Money and Banking	Credits: 3
FIN 350	Managerial Finance	Credits: 3

One of the following courses:

AGBU 330	Commodity Futures & Options Trading	Credits: 3
AGBU 331	Financial Futures and Options Trading	Credits: 3
AGBU 499	Internship	Credits: 1 - 6
AGRO 450	Issues in Sustainable Agriculture	Credits: 2
ENG 331	Business Communications	Credits: 3

FIN 360	Insurance and Risk Management	Credits: 3
FIN 365	Personal Financial Planning	Credits: 3
FIN 375	Investments	Credits: 3

Total Credits: **59-60**

Bachelor of Science: Agricultural Communications and Leadership(54 Credits)

I. Communications Foundation (15 Credits)

COMM 200	Small Group Communication	Credits: 3
COMM 210	Introduction to Public Relations	Credits: 3
COMM 303	Professional Presentations	Credits: 3
ENG 331	Business Communications	Credits: 3
ENG 360	Scientific & Technical Writing	Credits: 3

II. Marketing Foundation (9 Credits)

MKTG 301	Principles of Marketing	Credits: 3
MKTG 331	Professional Selling	Credits: 3
MKTG 411	Integrated Marketing Communications (IMC)	Credits: 3

III. Leadership Foundation (9 Credits)

MGMT 300	Management Principles	Credits: 3
MGMT 330	Organizational Behavior and Theory	Credits: 3
MGMT 460	Leadership and Team Management	Credits: 3

IV. Agricultural Education Core Courses (21 Credits)

AGBU 400	International Agricultural Development	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
AGED 201	Communication & Leadership Skills for Agricultural Educators	Credits: 1
AGED 351	Prof. Development in Agricultural Education: Internship & Job Shadowing	Credits: 1
AGRO 115	Professional Development in Agriculture: Orientation & Career Planning	Credits: 1
AGRO 132	Principles & Practices of Crop Production	Credits: 4
AGRO 312	Agroecology	Credits: 3
AGRO 390	Introduction to Precision Agriculture	Credits: 3
ECON 210	Introduction to Cooperatives	Credits: 3

Total Credits: **54**

Bachelor of Science: Agricultural Education (44 Credits)

I. Core Courses (44 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
AGBU 365	Farm and Ranch Management I	Credits: 3
AGBU 400	International Agricultural Development	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
AGED 201	Communication & Leadership Skills for Agricultural Educators	Credits: 1
AGED 301	Advising Youth Organization & Supervising Work Experiences	Credits: 1
AGED 351	Prof. Development in Agricultural Education: Internship & Job Shadowing	Credits: 1
AGED 401	Agricultural Education: 5-12 Methods	Credits: 2
AGRI XXX	Machinery Maintenance Course	Credits: 3
AGRI XXX	Animal Science Course	Credits: 3
AGRI XXX	Electricity OR Facilities Course	Credits: 2

AGRO 115	Professional Development in Agriculture: Orientation & Career Planning	Credits: 1
AGRO 132	Principles & Practices of Crop Production	Credits: 4
AGRO 312	Agroecology	Credits: 3
AGRO 390	Introduction to Precision Agriculture	Credits: 3
ECON 210	Introduction to Cooperatives	Credits: 3
ENVS 301	Basic Soil Science	Credits: 3
HOSP 120	Food Sanitation and Safety	Credits: 1
RNEW XXX	Intro to Traditional and Renewable Energy	Credits: 3

Bachelor of Science: Agricultural Education Notes:

* NOTE: The student must fulfill the K-12 professional education requirements for licensure; see the [Education Department](#) regarding these requirements.

Total Credits: **44**

Bachelor of Science: Agricultural Solutions**I. Agricultural Production and Management Foundation: (19-20 Credits)**

AGRO 115	Professional Development in Agriculture: Orientation & Career Planning	Credits: 1
AGRO 132	Principles & Practices of Crop Production	Credits: 4
AGSO 315	Soil and Plant Analysis	Credits: 3
AGSO 401	Agriculture Simulations and System Solutions	Credits: 3
AGSO 499	Internship Field Experience	Credits: 2
ENVS 107	Introduction to ArcGIS	Credits: 2
ENVS 301	Basic Soil Science	Credits: 3
ENVS 301L	Basic Soil Science Lab	Credits: 1

II. Environmental Science Foundation (10 Credits)

ENVS 101	Physical Geology	Credits: 3
ENVS 115	Redwood River Monitoring	Credits: 2
ENVS 180	Environmental Science: Introduction	Credits: 3
ENVS 180L	Environmental Science: Introduction Lab	Credits: 1
ENVS 390	Research Methods in Environmental Science	Credits: 2

III. Agricultural Leadership and Communication Foundation: (9 Credits)

AGSO 490	Agricultural and Rural Leadership Seminar	Credits: 3
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Choose one:

ENG 331	Business Communications	Credits: 3
ENG 360	Scientific & Technical Writing	Credits: 3

Choose one:

IV. Agricultural Economics Foundation (12 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
AGBU 475	Agricultural and Food Policy	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 210	Introduction to Cooperatives	Credits: 3

V. Restricted Electives: (9 Credits)

Notes:

Restricted Electives are organized into specialty tracks. Select 9 credits from the restricted electives in consultation with your academic advisor.

Specialty tracks include:

Business Marketing; Agribusiness Management and Technology; Plants, Soils and Agronomy; International Awareness; Contemporary Issues in Management; Food Safety; and Management and Leadership.

AGBU 330	Commodity Futures & Options Trading	Credits: 3
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AGBU 350	Agricultural & Environment Law	Credits: 3
AGBU 365	Farm and Ranch Management I	Credits: 3
AGBU 366	Farm and Ranch Management II	Credits: 3
AGBU 400	International Agricultural Development	Credits: 3
AGBU 410	Cooperative & Agribusiness Management	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
AGRO 332	Crop Quality, Traits, & Utilization	Credits: 2
AGRO 390	Introduction to Precision Agriculture	Credits: 3
AGRO 440	Plant Breeding	Credits: 3
AGRO 450	Issues in Sustainable Agriculture	Credits: 2
AGRO 454	Experimental Design in Agriculture	Credits: 3
AGSO 3XX	Food Safety Info and Comm Mgmt	Credits: 3
AGSO 3XX	Foodborne Hazards and Risk Mgmt	Credits: 3
AGSO 3XX	Food Safety Costs and Risk Mgmt	Credits: 3
AGSO 3XX	Integrating Energy Alternatives in Agriculture	Credits: 3
BIOL 302	Botany	Credits: 3
BIOL 302L	Botany Lab	Credits: 1
HIST 310	Environmental History	Credits: 3
HIST 312	World in War and Crisis: 1945-Today	Credits: 3
HIST 314	Modern Latin America	Credits: 3
HIST 321	U.S.-Latin American Relations	Credits: 3
HIST 331	U.S. Since 1945	Credits: 3
HIST 395	Minnesota History	Credits: 3
MGMT 300	Management Principles	Credits: 3
MGMT 332	Interpersonal Skills in Organizations	Credits: 3
MGMT 333	Conflict Resolution	Credits: 3
MGMT 450	Diversity Management	Credits: 3
MGMT 460	Leadership and Team Management	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3
MKTG 331	Professional Selling	Credits: 3
MKTG 421	Business-to-Business Marketing	Credits: 3
PHIL 303	Ethical Issues in Professional Life	Credits: 3
POL 355	World Political Geography	Credits: 3

Bachelor of Applied Science: Agriculture

In order to properly serve graduates from community colleges and technical schools, the marketing discipline offers a Bachelor of Applied Science (B.A.S.) degree. The B.A.S. degree program in Agriculture will provide opportunities for individuals who have completed Associate of Applied Science (A.A.S.) or Associate of Science (A.S.) degree programs to achieve a bachelor's degree with somewhat reduced course requirements when compared to a student who has not achieved any of the two-year degrees or diplomas.

Degree Requirements:

Notes:

Completion of the SMSU's Liberal Education Program

Minnesota Transfer Curriculum (MnTC) from any MnSCU campus, and SMSU Liberal Education Graduation Requirements.

A minimum of 30 semester credit hours through Southwest Minnesota State University.

A minimum of 40 semester credit hours at the 300 or 400 level.

The requirements for an approved B.A.S. major.

A cumulative GPA of at least 2.0 for courses taken while enrolled at SMSU.

Major Requirements:

A. Agricultural Production and Professional Development Core:

AGRO 115	Professional Development in Agriculture: Orientation & Career Planning	Credits: 1
AGRO 132	Principles & Practices of Crop Production	Credits: 4
AGRO 390	Introduction to Precision Agriculture	Credits: 3
AGSO 4XX	Internship Field Experience	Credits: 2
AGSO 4XX	Agriculture Simulations and System Solutions	Credits: 3
ENVS 180	Environmental Science: Introduction	Credits: 3

ENVS 180L	Environmental Science: Introduction Lab	Credits: 1
ENVS 301	Basic Soil Science	Credits: 3
ENVS 301L	Basic Soil Science Lab	Credits: 1

Choose one:

ENVS 107	Introduction to ArcGIS	Credits: 2
GEOG 121	Introduction to Geographic Information Systems	Credits: 3

B. Agricultural Business Core:

AGBU 350	Agricultural & Environment Law	Credits: 3
AGBU 475	Agricultural and Food Policy	Credits: 3
ECON 210	Introduction to Cooperatives	Credits: 3

C. Communications, Management, and Leadership Core:

MGMT 300	Management Principles	Credits: 3
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Choose one:

ENG 331	Business Communications	Credits: 3
ENG 360	Scientific & Technical Writing	Credits: 3

Choose one:

MGMT 333	Conflict Resolution	Credits: 3
MGMT 460	Leadership and Team Management	Credits: 3

Minor: Agricultural Economics(21 Credits)

I. Required Courses (15 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3

Choose one of the following:

FIN 230	Business Statistics I	Credits: 3
MATH 200	Intro to Statistics	Credits: 3

Choose one of the following Ag Business Courses:

AGBU 330	Commodity Futures & Options Trading	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3

II. Electives (6 Credits)

ECON 3XX	Any Economics Course Numbered 300 or higher	Credits: 3-6
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Total Credits: **21****Minor: Agribusiness Management(18 Credits)**

I. Required Courses

AGBU 330	Commodity Futures & Options Trading	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
FIN 230	Business Statistics I	Credits: 3

II. Additional Agribusiness Management courses (6 Credits)

AGBU ---	Additional Agribusiness Management Courses	Credits: 6
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Total Credits: **18****Associate of Science: Agribusiness Management(60 Credits)**

I. Business Core (15 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
FIN 350	Managerial Finance	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

II. Agribusiness Management (12 Credits)

AGBU 330	Commodity Futures & Options Trading	Credits: 3
AGBU 365	Farm and Ranch Management I	Credits: 3
AGBU 440	Agricultural Marketing	Credits: 3
ECON 210	Introduction to Cooperatives	Credits: 3

Choose one of the following Agribusiness Electives

AGBU 350	Agricultural & Environment Law	Credits: 3
AGBU 360	Agricultural Finance	Credits: 3
AGBU 366	Farm and Ranch Management II	Credits: 3
AGBU 400	International Agricultural Development	Credits: 3
AGRO 132	Principles & Practices of Crop Production	Credits: 4
ENG 331	Business Communications	Credits: 3

III. Minnesota Transfer Curriculum (MnTC) for A.S. Degree (30 Credits)**MnTC Goal 1: Communication (3 courses, 10 credits)**

ENG 151	Academic Writing	Credits: 4
ENG 251	Writing in Professions	Credits: 3

MnTC Goal 2: Critical Thinking (1 course, 3 credits)**MnTC Goal 3: Natural Sciences (1 course with lab, 4 credits)**

Notes:

See the section of the catalog: [The SMSU Liberal Education Program & Minnesota Transfer Curriculum \(MnTC\).](#)

MnTC Goal 4: Mathematical/Logical Reasoning (1 course, 3-5 credits)

MATH 110	College Algebra	Credits: 3
MATH 115	Finite Mathematics	Credits: 3
MATH 140	Calculus: A Short Course	Credits: 3
MATH 150	Calculus I	Credits: 5

MnTC Goal 5: History and the Social and Behavioral Sciences (Choose one, 3 credits)

ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3

MnTC Goal 6: The Humanities and Fine Arts (Choose one, 3 credits)

Notes:

See the complete MnTC Goal 6 list [here](#).

Elective Minnesota Transfer Curriculum Credits: (4 credits)

Notes:

Choose one or more courses totaling four (4) credits for MnTC Goals 3, 5, 6, 7, 8, 9 or 10. Subject to LEP restriction of no course prefix repetition. See current Minnesota Transfer Curriculum (MnTC) in the section of this catalog [here](#).

Total Credits: **60**

Course Descriptions**AGBU 101 Seminar I: Career Development & Portfolio Design Credits: 1**

AGBU 101 is a required course for SMSU Agribusiness Majors. The course should be taken in the freshman year or in the first year of transfer. This course introduces the goals and student learning outcomes of the

Agribusiness major and SMSU's Liberal Education Plan. Students use the course to identify career goals, relate those goals to their academic choices, and create electronic program portfolio to assess progress in achieving program goals and student learning outcomes.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

AGBU 276 Soil Science and Management

Credits: 2

To enable students to gain some basic knowledge of soils and how they can best be managed for long run optimum production.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

AGBU 310 Land Economics & Appraisal

Credits: 3

Principles and practices of rural real estate appraisal will be examined. Principles of soil valuation and their application for farmland appraisal will also be covered. Methods of appraisal covered will include cost, market and income approaches to farmland and building appraisal. Half-day field trips to area farms are required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

AGBU 330 Commodity Futures & Options Trading

Credits: 3

A study of how to use futures and options contracts to hedge price risk. Stress is placed on the use of agricultural commodity contracts by farmers and agribusinesses working with farmers.

Pre-Requisites: (ECON_201) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

AGBU 331 Financial Futures and Options Trading

Credits: 3

Financial futures and options contracts are presented as a means for hedging and speculating. Economic and financial theories are used to analyze specific transactions.

Pre-Requisites: ((FIN_230) OR (MATH_200)) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

AGBU 350 Agricultural & Environment Law

Credits: 3

This course is an introduction to the broad contemporary legal issues of practical relevance to agriculture business and the protection of the environment. The course's foundation is knowledge about basic common law. Topics then move to a broader understanding of government regulation and agency law. This sets the stage for coverage of Environmental Law. Special emphasis will be on practical applications to agribusiness enterprises ranging from family farms to agribusiness corporations.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

AGBU 360 Agricultural Finance

Credits: 3

A comprehensive look at all facets of extending agricultural and agribusiness loans, from analysis of the financial statements of agricultural enterprises to dealing with problem loans. Emphasizes general principles

of banking management and evaluation, fulfillment of credit needs, and uses of capital from the perspective of both borrowers and lenders.

Pre-Requisites: (ACCT_211) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

AGBU 365 Farm and Ranch Management I

Credits: 3

Budgeting and financial analysis are used to study how to maximize profit and efficiency in resource use for a farming operation. Microcomputer spreadsheets and other programs are used for class projects.

Pre-Requisites: ((ACCT_211 AND ACCT_212 AND MGMT_221)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

AGBU 366 Farm and Ranch Management II

Credits: 3

Computer farm management aids, risk analysis, FIN PACK, farm business organization selection, income tax management, disinvestment, and estate planning.

Pre-Requisites: ((AGBU_365 AND FIN_230)) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

AGBU 400 International Agricultural Development

Credits: 3

This course emphasizes the role agriculture plays in the development process. On completion of this course, the students should be able to explain the role of agriculture in the development process, analyze the effects of developing country economic policies on the agricultural sector, and use economic reasoning and tools such as graphs to analyze the agricultural sector.

Pre-Requisites: (ECON_201 AND ECON_202) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

AGBU 410 Cooperative & Agribusiness Management

Credits: 3

The organizational, legal, financial and managerial aspects of doing business as a cooperative corporation are examined in this course. Relationships between member-patrons, directors and the manager of the cooperative are analyzed using case studies. The business activities of a cooperative corporation are computer-simulated and analyzed.

Pre-Requisites: (ECON_210) OR (AGBU_210) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

AGBU 420 International Agribusiness Management

Credits: 3

A comprehensive analysis is conducted of the role of agribusinesses in international trade and development. Case studies involving agribusinesses are analyzed to identify the issues and methods used to market, finance,

and manage the import-export of agricultural products.

Pre-Requisites: (ECON_201) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

AGBU 440 Agricultural Marketing

Credits: 3

Analysis of farm prices and the effect of supply, demand and institutional forces on farm income and farm income policy.

Pre-Requisites: (ECON_201) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

AGBU 475 Agricultural and Food Policy

Credits: 3

This course will describe and evaluate past and future policies developed to deal with income distribution, resource use and changes in technology in the food and agriculture system.

Pre-Requisites: (ECON_201) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

AGBU 486 Special Topics

Credits: 1 - 4

AGBU 494 Independent Study

Credits: 1 - 4

AGBU 495 Seminar II: Career Readiness & Portfolio Assessment

Credits: 1

AGBU 495 is a required course for SMSU Agribusiness Majors. Students use electronic portfolios to evaluate their academic accomplishments and career readiness. Students evaluate and communicate the content of their portfolios using the goals and student learning outcomes of the Agribusiness program. Performance evaluation also includes SMSU's Liberal Education Plan Rubrics for written and speech communication, information literacy, and critical thinking. Agribusiness students systematically analyze and communicate what they have learned in their degree program, and synthesize those results to create valuable plans for their future careers after degree completion.

Pre-Requisites: (AGBU_101) and senior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

AGBU 499 Internship

Credits: 1 - 6

The opportunity to pursue an internship is designed to supplement course materials with actual related work experience. Students are expected to integrate disciplinary knowledge into a real world setting. The student will submit weekly reports on work assignments as well as a report at the conclusion of the internship. The number of credits allowed will depend on the magnitude of the internship.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

AGED 201 Communication & Leadership Skills for Agricultural Educators

Credits: 1

In this course, agricultural education majors develop their communication and leadership skills, and apply those principles in agriculture. Students learn and apply the goals and learning outcomes of the Agricultural

Education major. AGED students use an electronic portfolio (Live-text) to collect and evaluate their academic artifacts and relate them to the AGED learning outcomes.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

AGED 301 Advising Youth Organization & Supervising Work Experiences **Credits: 1**

AGED 301 is a required course offered for degree-seeking SMSU students majoring in Agricultural Education (including the Teaching Licensure Specialization and the Communications-Marketing-Leadership Specialization). This course introduces students to the role and structure of the student organization as an integral component in developing the student through individual, cooperative and collaborative activities that prepare the student for a role in the school, community, and workplace.

Pre-Requisites: Requires minimum credits: 60 **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

AGED 351 Prof. Development in Agricultural Education: Internship & Job Shadowing **Credits: 1**

AGED 351 is a required course offered for degree-seeking SMSU students majoring in Agricultural Education (including the Teaching Licensure Specialization and the Communications-Marketing-Leadership Specialization). Under the direction of SMSU Agricultural Education faculty, agricultural education students in this course complete: (1) a supervised internship with an agriculture or an agricultural-related enterprise, and (2) a job-shadowing experience, apprenticeship or mentorship with a natural resource or related occupation. Students will learn and use "best practices" for integrating work-based learning with educational learning goals, outcomes and assessment.

Pre-Requisites: Requires minimum credits: 60 **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

AGED 401 K-12 Methods: Agricultural Education **Credits: 2**

AGED 401 is a required course offered for degree-seeking SMSU students majoring in Agricultural Education. This course introduces students to the study of rationale, curriculum, and special methods relevant to teaching agricultural science, technologies and career-leadership skills to diverse students, grades 5-12. AGED 401 is designed to assist SMSU's AG ED students understand the concepts of teaching and learning in the agricultural classroom. The course focuses on the selection and use of teaching strategies, methods/approaches, and various techniques; evaluating learning; and managing learning environments for teaching agricultural subjects in formal education settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

AGED 401 Agricultural Education: 5-12 Methods **Credits: 2**

AGED 401 is a required course offered for degree-seeking SMSU students majoring in Agricultural Education. This course introduces students to the study of rationale, curriculum, and special methods relevant

to teaching agricultural science, technologies and career-leadership skills to diverse students for grades 5-12. AGED 401 is designed to assist SMSU's AG ED students understand the concepts of teaching and learning in the agricultural classroom. The course focuses on the selection and use of teaching strategies, methods/approaches, and various techniques; evaluating learning; and managing learning environments for teaching agricultural subjects in formal education settings.

Pre-Requisites: Requires minimum credits: 60 **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

AGRO 115 Professional Development in Agriculture: Orientation & Career Planning **Credits: 1**

This course provides an orientation to the profession of agronomy, agronomy curriculum and college life. Choosing the right majors, resume and cover letter writing, interviewing skills, graduate schools and careers in agronomy profession will be discussed.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

AGRO 132 Principles & Practices of Crop Production **Credits: 4**

This is an introductory course in agronomy with a goal to provide the general principles underlying crop production. The course examines the dynamics and functions of crop communities, influence of the environment on crop production, plant morphology and metabolism, crop growth and development, plant breeding as well as soil water management. Other topics that will be discussed are cultural practices associated with optimum crop production and commercial production of selected field crops.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

AGRO 212 Grain & Forage Crop Management **Credits: 3**

Production and management practices for corn, soybeans, small grain, and forage crops common to Midwestern U.S. agriculture. Topics to be covered are growth and development, plant characteristics, crop quality, production practices including crop rotation, tillage, soil fertility, cultivar selection, planting strategies, pest management, and harvesting techniques that optimize production and sustains the natural resource base needed to produce high quality and high yielding crops. Principles of grain and forage crop management will also be utilized in solving on-farm problems.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

AGRO 312 Agroecology **Credits: 3**

Application of ecological principles to the management of food production systems. Emphasis will be on combining principles of crop production with ecological principles to bring a balance between agricultural production and environmental issues.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 315 Professional Development in Agriculture: Internship **Credits: 4**

An internship with a professionally relevant component. Students are responsible for finding internship opportunities.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

AGRO 320 Soil Chemistry**Credits: 3**

Fundamentals of soil chemical properties and processes at the mineral/water interface important for the sound management of soil resources. Topics include sorption/desorption of inorganic and organic compounds, distributive reactivity models, mobile/immobile sorption domains, bioavailability of nutrients and contaminants, oxidation/reduction, solid-phase equilibria, soil organic matter, soil mineralogy, ion exchange complexation, soil acidity, and saline/sodic soils.

Pre-Requisites: (CHEM_122) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 325 Seed Science and Grain Grading**Credits: 4**

Seed formation and development, germination, maturation, dormancy, vigor, conditioning, and quality evaluation. Seed marketing, organization of the Federal Grain Inspection Agency, development and implementation of regulations governing grain inspection, procedures, techniques, and equipment used in grain grading.

Pre-Requisites: ((AGRO_101) OR (AGRO_132) OR (BIOL_302)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 332 Crop Quality, Traits, & Utilization**Credits: 2**

Pre and post harvest factors affecting the quality of crops. Characteristics, uses, and processing of major food crops. Crop marketing and food safety.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 341 Principles of Pest Management**Credits: 4**

Effects of insects and diseases on agronomic crops. Identification of important groups of insect pests, causal agents, and diagnosis of major crop diseases. Analysis of hosts and the environmental factors influencing the increase and spread of crop pests. Emphasis on the use of integrated pest management strategies.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

AGRO 390 Introduction to Precision Agriculture**Credits: 3**

The course gives an overview of precision agriculture. Emphasis will be on the different technologies that are currently in use and their applications. Topics include geographical information systems, geographical positioning systems, geo-stationary satellite systems, remote sensing, soil/landscape variability, soil fertility, soil sampling and testing, data collection, processing and management, site-specific farm management, yield monitoring systems, yield maps, and economic considerations in site specific farming.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 415 Professional Development in Agriculture: Senior Seminar-Capstone**Credits: 2**

Leadership, Decision-making and Problem-solving. Forum where students interact with professionals in the field of agronomy. Course will include presentations from speakers working in agricultural fields and lectures.

Students will have to prepare position papers and solutions to current issues affecting Minnesota Agriculture.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

AGRO 422 Principles of Weed Science

Credits: 3

This is an applied science course. The course covers the identification, biology, and ecology of weeds Weed management by cultural, mechanical, chemical, and biological means Integrated Weed Management Herbicides and factors influencing their use Sprayer calibration and dosage calculations and Laws and regulations governing herbicide use.

Pre-Requisites: ((BIOL_200 AND BIOL_200L AND BIOL_201 AND BIOL_201L AND BIOL_302 AND BIOL_302L)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 440 Plant Breeding

Credits: 3

An introductory plant breeding course designed to provide the basic principles of cultivar development. Emphasis will be on traditional methods used in developing improved cultivars of field crops and the genetic principles on which breeding methods are based. Additional topics to be covered include biotechnology and germplasm preservation.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 450 Issues in Sustainable Agriculture

Credits: 2

This course examines the concept of sustainable agriculture by looking at the three major themes of sustainability. Students will be introduced to the social, economic, and environmental issues affecting agricultural sustainability. The patterns and trends of agricultural production systems will be examined and strategies for implementing sustainable agricultural enterprises discussed. This is a team-taught course and will include lectures, discussions, guest speakers, and field trips.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

AGRO 454 Experimental Design in Agriculture

Credits: 3

This course deals with the design of experiments for agronomic and plant breeding research. Design, analysis, and interpretation of both field and greenhouse experiments will be discussed.

Pre-Requisites: (MATH_200) OR (PSYC_200) OR (FIN_230) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 494 Independent Study

Credits: 1 - 4

Ind Study

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

AGSO 315 Soil and Plant Analysis

Credits: 3

This course builds on the foundation of crop science and soil science to further investigate the relationship between soil and crop plants. Students will review basic concepts of plant nutrition and soil characteristics in

order for students to identify connections and the symbiotic benefits of each component. Topics covered also include soil and plant uptake, deficiencies, toxicities, causes and remedies, as well as plant and soil analysis methods. This course is required for all Agricultural Solutions majors.

Pre-Requisites: (AGRO_132 AND ENVS_301 AND ENVS_301L) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

AGSO 401 Agriculture Simulations and System Solutions Credits: 3

Students in this course will learn to apply the principles of multi-disciplinary research. They will use computer simulation models to examine farm systems, including the interactions among crop and livestock production, soil fertilization, storage, harvest, and manure handling. System analysis is also expanded to include the management of side effects such as runoff, nutrient leaching, ammonia volatilization, pesticide drift and engine exhaust. Students will learn to integrate these processes to predict the long-term performance, environmental impact, and economics of production systems. This course is required for all Agricultural Solutions majors.

Pre-Requisites: (ENVS_180 AND ECON_201 AND MGMT_221 AND AGRO_132) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

AGSO 490 Agricultural and Rural Leadership Seminar Credits: 3

This course provides perspective on a variety of topics that impact agriculture and the community through a mix of lecture and field-based learning, panel discussions, guest speakers, readings and technology tools. Various topics including leadership theory and skills, personal development, agricultural and environmental issues, social issues, state and federal political processes and communication are discussed. This course is required for all Agricultural Solutions majors.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

AGSO 499 Internship Field Experience Credits: 2

The opportunity to pursue an internship is designed to supplement course materials with actual related work experience. Students are expected to integrate disciplinary knowledge into a real world setting. The student will submit weekly reports on work assignments as well as a report at the conclusion of the internship. This course is required for all Agricultural Solutions majors. Students are responsible for finding internship opportunities.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

Agronomy

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty:

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Agronomy](#)

[Download MAP](#)

The SMSU Agronomy Program prepares students for careers in many crop production and natural resource conservation roles. SMSU Agronomy graduates would seek employment in wide variety of areas such as: crop management consulting, agronomists or technical representatives for seeds, agricultural chemicals, crop protection companies, crop advisors/consultants, extension educators, state and federal regulatory professionals, farm managers, soil and water specialists/conservationists and research technicians.

Degree Requirements:

In order to complete the degree, the students must complete 71-74 credits in the major, maintain a minimum GPA of 2.35 in the major courses, meet the Minnesota Transfer Curriculum requirements. A total of 18 credits are required for a minor in Agronomy. A minimum of 2.35 GPA is required for the minor courses.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Agronomy(63 Credits)

I. Core Requirements (44 Credits)

AGBU 350	Agricultural & Environment Law	Credits: 3
AGRO 115	Professional Development in Agriculture: Orientation & Career Planning	Credits: 1
AGRO 132	Principles & Practices of Crop Production	Credits: 4
AGRO 315	Professional Development in Agriculture: Internship	Credits: 4
AGRO 341	Principles of Pest Management	Credits: 4
AGRO 390	Introduction to Precision Agriculture	Credits: 3
AGRO 415	Professional Development in Agriculture: Senior Seminar-Capstone	Credits: 2
BIOL 200	Introduction to Cellular Biology	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab	Credits: 1
BIOL 201	Introduction to Biodiversity & Evolution	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab	Credits: 1
BIOL 302	Botany	Credits: 3
BIOL 302L	Botany Lab	Credits: 1
ENVS 107	Introduction to ArcGIS	Credits: 2
ENVS 301	Basic Soil Science	Credits: 3
ENVS 301L	Basic Soil Science Lab	Credits: 1
MATH 110	College Algebra	Credits: 3
MATH 200	Intro to Statistics	Credits: 3

II. Agronomy Options (18-21 Credits)

A. Crop Management Option

Required Courses:

AGRO 212	Grain & Forage Crop Management	Credits: 3
AGRO 325	Seed Science and Grain Grading	Credits: 4
AGRO 422	Principles of Weed Science	Credits: 3
AGRO 440	Plant Breeding	Credits: 3

Choose two courses

AGRO 332	Crop Quality, Traits, & Utilization	Credits: 2
AGRO 450	Issues in Sustainable Agriculture	Credits: 2
AGRO 454	Experimental Design in Agriculture	Credits: 3
ENVS 320	Soils and Fertility	Credits: 3

B. Agroecology & Natural Resource Management Option*Required Courses*

AGRO 212	Grain & Forage Crop Management	Credits: 3
AGRO 312	Agroecology	Credits: 3
ENVS 100	Earth Science	Credits: 3
ENVS 100L	Earth Science Lab	Credits: 1
ENVS 115	Redwood River Monitoring	Credits: 2

Choose two courses

AGRO 422	Principles of Weed Science	Credits: 3
AGRO 450	Issues in Sustainable Agriculture	Credits: 2
AGRO 454	Experimental Design in Agriculture	Credits: 3
ENVS 302	Geomorphology	Credits: 3
ENVS 320	Soils and Fertility	Credits: 3

Total Credits: **63****Minor: Agronomy(18 Credits)****I. Minor Core (18 Credits)**

AGRO 115	Professional Development in Agriculture: Orientation & Career Planning	Credits: 1
AGRO 132	Principles & Practices of Crop Production	Credits: 4
AGRO 212	Grain & Forage Crop Management	Credits: 3
ENVS 301	Basic Soil Science	Credits: 3
ENVS 301L	Basic Soil Science Lab	Credits: 1
ENVS 320	Soils and Fertility	Credits: 3

II. Electives: (3 Credits)

AGRO 3XX	Agronomy courses at the 300 level or above.	Credits: 3
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Minor: Agronomy Notes:

Students interested in the business aspects of agriculture, please refer to the requirements for Agribusiness minor.

Total Credits: **18****Course Descriptions****AGRO 115 Professional Development in Agriculture: Orientation & Career Planning Credits: 1**

This course provides an orientation to the profession of agronomy, agronomy curriculum and college life. Choosing the right majors, resume and cover letter writing, interviewing skills, graduate schools and careers in agronomy profession will be discussed.

Course Frequency: Fall: All Years Spring: N/A Summer: N/A

AGRO 132 Principles & Practices of Crop Production Credits: 4

This is an introductory course in agronomy with a goal to provide the general principles underlying crop production. The course examines the dynamics and functions of crop communities, influence of the environment on crop production, plant morphology and metabolism, crop growth and development, plant breeding as well as soil water management. Other topics that will be discussed are cultural practices associated with optimum crop production and commercial production of selected field crops.

Course Frequency: Fall: All Years Spring: N/A Summer: N/A

AGRO 212 Grain & Forage Crop Management Credits: 3

Production and management practices for corn, soybeans, small grain, and forage crops common to Midwestern U.S. agriculture. Topics to be covered are growth and development, plant characteristics, crop quality, production practices including crop rotation, tillage, soil fertility, cultivar selection, planting strategies, pest management, and harvesting techniques that optimize production and sustains the natural resource base needed to produce high quality and high yielding crops. Principles of grain and forage crop management will also be utilized in solving on-farm problems.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

AGRO 312 Agroecology

Credits: 3

Application of ecological principles to the management of food production systems. Emphasis will be on combining principles of crop production with ecological principles to bring a balance between agricultural production and environmental issues.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 315 Professional Development in Agriculture: Internship

Credits: 4

An internship with a professionally relevant component. Students are responsible for finding internship opportunities.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

AGRO 320 Soil Chemistry

Credits: 3

Fundamentals of soil chemical properties and processes at the mineral/water interface important for the sound management of soil resources. Topics include sorption/desorption of inorganic and organic compounds, distributive reactivity models, mobile/immobile sorption domains, bioavailability of nutrients and contaminants, oxidation/reduction, solid-phase equilibria, soil organic matter, soil mineralogy, ion exchange complexation, soil acidity, and saline/sodic soils.

Pre-Requisites: (CHEM_122) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 325 Seed Science and Grain Grading

Credits: 4

Seed formation and development, germination, maturation, dormancy, vigor, conditioning, and quality evaluation. Seed marketing, organization of the Federal Grain Inspection Agency, development and implementation of regulations governing grain inspection, procedures, techniques, and equipment used in grain grading.

Pre-Requisites: ((AGRO_101) OR (AGRO_132) OR (BIOL_302)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 332 Crop Quality, Traits, & Utilization

Credits: 2

Pre and post harvest factors affecting the quality of crops. Characteristics, uses, and processing of major food crops. Crop marketing and food safety.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 341 Principles of Pest Management

Credits: 4

Effects of insects and diseases on agronomic crops. Identification of important groups of insect pests, causal agents, and diagnosis of major crop diseases. Analysis of hosts and the environmental factors influencing the increase and spread of crop pests. Emphasis on the use of integrated pest management strategies.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

AGRO 390 Introduction to Precision Agriculture

Credits: 3

The course gives an overview of precision agriculture. Emphasis will be on the different technologies that are currently in use and their applications. Topics include geographical information systems, geographical positioning systems, geo-stationary satellite systems, remote sensing, soil/landscape variability, soil fertility, soil sampling and testing, data collection, processing and management, site-specific farm management, yield monitoring systems, yield maps, and economic considerations in site specific farming.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 415 Professional Development in Agriculture: Senior Seminar-Capstone

Credits: 2

Leadership, Decision-making and Problem-solving. Forum where students interact with professionals in the field of agronomy. Course will include presentations from speakers working in agricultural fields and lectures. Students will have to prepare position papers and solutions to current issues affecting Minnesota Agriculture.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

AGRO 422 Principles of Weed Science

Credits: 3

This is an applied science course. The course covers the identification, biology, and ecology of weeds Weed management by cultural, mechanical, chemical, and biological means Integrated Weed Management Herbicides and factors influencing their use Sprayer calibration and dosage calculations and Laws and regulations governing herbicide use.

Pre-Requisites: ((BIOL_200 AND BIOL_200L AND BIOL_201 AND BIOL_201L AND BIOL_302 AND BIOL_302L)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 440 Plant Breeding

Credits: 3

An introductory plant breeding course designed to provide the basic principles of cultivar development. Emphasis will be on traditional methods used in developing improved cultivars of field crops and the genetic principles on which breeding methods are based. Additional topics to be covered include biotechnology and germplasm preservation.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 450 Issues in Sustainable Agriculture

Credits: 2

This course examines the concept of sustainable agriculture by looking at the three major themes of sustainability. Students will be introduced to the social, economic, and environmental issues affecting agricultural sustainability. The patterns and trends of agricultural production systems will be examined and strategies for implementing sustainable agricultural enterprises discussed. This is a team-taught course and will include lectures, discussions, guest speakers, and field trips.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

AGRO 454 Experimental Design in Agriculture**Credits: 3**

This course deals with the design of experiments for agronomic and plant breeding research. Design, analysis, and interpretation of both field and greenhouse experiments will be discussed.

Pre-Requisites: (MATH_200) OR (PSYC_200) OR (FIN_230) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

AGRO 494 Independent Study**Credits: 1 - 4**

Ind Study

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

Anthropology

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty:

The Anthropology curriculum extends the range of comprehension of human social and cultural life through comparative studies, permitting the student to become aware of the more profound significance of being “human” and to discover that there are many paths, reflected in many different cultures, directed toward the goal of living a full and satisfying human life. The Anthropology curriculum is linked closely with the Sociology curriculum, and a limited amount of coursework may be applied to satisfying requirements for the Sociology major. In addition, students may elect to complete an Anthropology minor.

Course Descriptions

ANTH 101 General Anthropology

Credits: 3

Provides a broad overview of the major subdisciplines of Anthropology which include physical anthropology, archaeology, and cultural anthropology. The course will progress from the historical development of human evolution and adaptation to methods of documenting prehistoric cultural relations to exploring the similarities and differences of contemporary societies.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ANTH 116 Cultural Anthropology

Credits: 3

This course studies the scope of human diversity across cultures ranging from hunting-gathering bands to industrial states. The course balances an introduction to theoretical concepts with practical information about peoples and cultures.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

Art

Department Office: FA 207
Phone Number: 507-537-7103
Staff & Faculty: Pat Brace, Bob Dorlac, Alma Hale

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Art Education](#)

[Download MAP](#)

[Bachelor of Arts: Art-Graphic Design](#)

[Download MAP](#)

[Bachelor of Arts: Art-Studio Art](#)

[Download MAP](#)

The Art Program has several goals:

1. To enrich the educational experience of all students by providing them the opportunity to view, discuss and produce works of art.
2. Provide quality baccalaureate degrees in art and art education.
3. To provide a vocational orientation to art through preparation in such areas as art education and graphic design.

Students with all levels of experience, and non-majors, may enroll in the Art Studio courses as electives to enrich their liberal arts educational experience after completing ART 100: Intro to Art, or ART 101: Foundations of Art and Design Art, or Art 102: Foundations of Art and Design 2-D, or Art 103: Foundations of Art and Design 3-D (ART 102 and 103 supercede ART 101), or see individual studio instructors for permission and availability. NOTE: Non-art majors will have the option of taking studio art courses on a credit/no credit basis.

Art Studio courses encourage creativity and personal exploration of ideas, concepts, materials, form and content. All Art studio courses are variable (3-6) credit, and repeatable, to develop competency unless listed otherwise. Students who wish to enroll for more than 3 credits are required to obtain instructor permission.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Art(54 Credits)

I. Foundation Requirements:

Studio Core:

ART 102	Foundations of Art & Design 2D	Credits: 3
ART 103	Foundations of Art and Design 3D	Credits: 3
ART 220	Drawing	Credits: 4
ART 221	Painting	Credits: 4
ART 230	Sculpture	Credits: 4

Art History:

ART 150	Art History I	Credits: 3
ART 151	Art History II	Credits: 3

Interdisciplinary:

PHIL 201	Aesthetics	Credits: 3
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Review Courses:

ART 260	Sophomore Review	Credits: 0
ART 360	Junior Review	Credits: 1

II. Emphasis Courses (Choose Option 1 or Option 2):

Option 1: Studio Art

Art History Electives:

ART 350	Contemporary Art History	Credits: 3
ART 351	History of Graphic Design	Credits: 3
ART 352	Women in Art	Credits: 3
ART 355	American Art History	Credits: 3

Studio Electives:

ART 320	Drawing	Credits: 4
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ART 321	Painting _____	Credits: 4
ART 322	Printmaking _____	Credits: 4
ART 325	Fibers _____	Credits: 4
ART 326	Figure Drawing _____	Credits: 4
ART 330	Sculpture _____	Credits: 4
ART 331	Ceramics _____	Credits: 4

Capstone Experience:

Notes:

The studio course in the major emphasis area is taken concurrently with ART 460 for the Capstone Experience.

ART 3XX	Studio Course in Major Emphasis Area _____	Credits: 4
ART 460	Graduation Exhibition: Senior Review _____	Credits: 0

Option 2: Graphic Design

ART 240	Concepts of Graphic Design _____	Credits: 3
ART 241	Typography Survey _____	Credits: 3
ART 343	Digital Art Photography _____	Credits: 4
ART 351	History of Graphic Design _____	Credits: 3
ART 499	Graphic Design Internship _____	Credits: 2

Capstone Experience:

ART 348	Graphic Design Studio _____	Credits: 4
ART 461	Graphic Design Graduation Project: Senior Review _____	Credits: 0

Graphic Design Studio (Two enrollments)

ART 348	Graphic Design Studio _____	Credits: 4
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Total Credits: **54****Bachelor of Science: Art Education(47 Credits)****I. Foundation Requirements (30 Credits)***Studio Core:*

ART 102	Foundations of Art & Design 2D _____	Credits: 3
ART 103	Foundations of Art and Design 3D _____	Credits: 3
ART 220	Drawing _____	Credits: 4
ART 221	Painting _____	Credits: 4
ART 230	Sculpture _____	Credits: 4

Art History:

ART 150	Art History I _____	Credits: 3
ART 151	Art History II _____	Credits: 3

Review Courses:

ART 260	Sophomore Review _____	Credits: 0
ART 360	Junior Review _____	Credits: 1

Capstone Experience:

ART 3XX	Art Studio Course at 300 level or above _____	Credits: 4
ART 460	Graduation Exhibition: Senior Review _____	Credits: 0

II. Art Education Required Courses: (6 Credits)

ART 270	Art Education/Elementary _____	Credits: 3
ART 370	Art Education/Secondary _____	Credits: 3

III. Studio Courses Required for Major: (12 Credits)

ART 322	Printmaking _____	Credits: 4
ART 331	Ceramics _____	Credits: 4
ART 343	Digital Art Photography _____	Credits: 4

Bachelor of Science: Art Education Notes:

* NOTE: The student must fulfill the K-12 professional education requirements for licensure; see the [Education Department](#) regarding

these requirements.

Total Credits: **47**

Minor: Advertising Design Communication(18-20 Credits)

Required Courses: (9 Credits)

ART 240	Concepts of Graphic Design	Credits: 3
ENG 331	Business Communications	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

I. Professional Writing Courses

Notes:

Marketing and Graphic Design students take both courses. All other majors choose one.

COMM 260	Media Writing	Credits: 3
ENG 460	Writing and New Media	Credits: 4

II. Marketing Courses

Notes:

Professional Writing and Graphic Design students take both courses. All other majors choose one.

MKTG 331	Professional Selling	Credits: 3
MKTG 381	Advertising Management	Credits: 3

III. Graphic Design Courses

Notes:

Marketing and Professional Writing students take both courses. All other majors choose one.

ART 241	Typography Survey	Credits: 3
ART 348	Graphic Design Studio	Credits: 4

Total Credits: **18-20**

Minor: Graphic Design(22 Credits)

Foundations of Art: (Choose one) (3 Credits)

ART 102	Foundations of Art & Design 2D	Credits: 3
ART 103	Foundations of Art and Design 3D	Credits: 3

Choose one:

ART 220	Drawing	Credits: 4
ART 343	Digital Art Photography	Credits: 4

Graphic Design Courses: (12 Credits)

ART 240	Concepts of Graphic Design	Credits: 3
ART 348	Graphic Design Studio	Credits: 4

Notes:

*ART 348: Graphic Design Studio requires a minimum of 2 registrations for a total of 6 credits

Choose one:

ART 241	Typography Survey	Credits: 3
ART 351	History of Graphic Design	Credits: 3

Total Credits: **22**

Minor: Studio Arts(21 Credits)

Choose one Foundations of Art: (3 Credits)

ART 102	Foundations of Art & Design 2D	Credits: 3
ART 103	Foundations of Art and Design 3D	Credits: 3

Studio Core: (12 Credits)

ART 220	Drawing	Credits: 4
ART 221	Painting	Credits: 4

ART 230	Sculpture	Credits: 4
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Art History: (6 Credits)

ART 150	Art History I	Credits: 3
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ART 151	Art History II	Credits: 3
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Elective Studio Courses for Graphic Design and Art Education Majors: (12 Credits)

Notes:

Students majoring in Art: Graphic Design or Art Education must take 3 upper-division studio courses for their electives.

Additional studio electives are not required for non-art majors.

ART 320	Drawing	Credits: 4
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ART 321	Painting	Credits: 4
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ART 322	Printmaking	Credits: 4
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ART 325	Fibers	Credits: 4
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ART 330	Sculpture	Credits: 4
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ART 331	Ceramics	Credits: 4
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ART 332	Jewelry/Metalsmithing	Credits: 4
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Total Credits:	21
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Course Descriptions**ART 063 Art Galleries of Minnesota****Credits: 1**

An introduction to the history, purposes, procedures and specialties of art galleries and museums in Minnesota. There will be discussion about galleries' relationships to the general public, collectors, and artists, as well as a field trip to the galleries and museums in the Twin Cities.

Pre-Requisites: Requires minimum credits: 30 **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A***ART 100 Introduction to Visual Arts****Credits: 3**

Designed to introduce the basic studies student to the attitudes and philosophies that relate to creative production in the visual arts and to help develop a positive attitude to the arts through the study of theory, styles of art history, structure and periods of art combined with an active art gallery program.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A***ART 102 Foundations of Art & Design 2D****Credits: 3**

In this course students explore the visual elements and the organizing principles of design in a 2D context. Various media will be used in studio assignments that investigate concepts covered in lectures and readings. A vocabulary will be established that will enable students to discuss their works in a group setting.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A***ART 103 Foundations of Art and Design 3D****Credits: 3**

An introduction to three-dimensional design, this course covers vocabulary and basic principles of art through a series of practical assignments designed to develop creative thinking and problem-solving skills. Students

will work with various media and studio production methods to produce 3D work. Analysis of work will involve group discussion and formal critiques.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ART 141 Digital Publishing

Credits: 3

An introduction to basic page layout, desktop publishing software. The history of desktop publishing is discussed and modern pre-press issues such as laser output, imagesetting technologies, and color separation are covered.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: N/A Spring: N/A Summer: N/A

ART 150 Art History I

Credits: 3

A survey of major artists, work and style movements from the Ancient through Medieval periods in Western art. Topics include: prehistoric, Greek, and Roman in the Ancient era; and early Christian, Byzantine, Romanesque, and Gothic in the Medieval era. The goal of the course is to help students become critical observers of the different historical style periods that shaped the Western tradition in the arts by a variety of media including painting, sculpture, decorative arts, and architecture.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

ART 151 Art History II

Credits: 3

A survey of the major movements, key artists, and art theories appearing in the visual arts from the 14th Century to the present. Topics will include the Renaissance, Mannerism, Baroque Period, Rococo Period, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Expressionism, Cubism, Futurism, Dada, Surrealism, Abstract Expressionism, Pop Art, Op Art, Minimalism, and Conceptualism.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ART 208 Artists Course

Credits: 1

This is an in depth study of the art works of one artist, artistic school, or movement from a select historical period and/or geographical region.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ART 209 Artists:

Credits: 3

This is an in depth study of the art works of one, two, or three artists, artistic schools or movements from select historical periods and/or geographical regions.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ART 220 Drawing

Credits: 4

An introduction to a wide range of basic drawing approaches and materials. This course is designed to develop the quality of students' drawings. Students will explore how formal elements, techniques, and materials

combine with cognitive meaning. Advanced students will focus on self-directed projects and the development of significant content.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102)) **Course Frequency:** *Fall: All Years
Spring: Even Years Summer: N/A*

ART 221 Painting

Credits: 4

An introduction to basic painting techniques and materials, focused on developing students' painting skills. Students will explore how formal elements, techniques, and materials combine with cognitive meaning. Advanced students will focus on self-directed projects and the development of significant content.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ART 230 Sculpture

Credits: 4

To further students' understanding of the three-dimensional form in space, and their ability to create and present it through creating methods, materials, tools, and techniques. Processes covered include: additive, subtractive, assemblage, fabrication, molds, and metal casting. The course is repeatable to improve competencies. Advanced students concentrate on personal creative directions and content.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102)) **Course Frequency:** *Fall: Odd Years
Spring: Odd Years Summer: N/A*

ART 240 Concepts of Graphic Design

Credits: 3

Intended as a fundamental graphic design course. Students will study traditional design aesthetics and methods. Topics will include newspaper design, magazine design, newsletters, advertising, and others. While basic skill-building assignments explore the design process through exercises on proportion systems, basic type selection, reductive process symbol/development, basic mark/logo-making and identity, and basic collateral business materials. Also included: design career practices, traditional production methods and the transition to digital technologies. Both handwork and computer work will be required. May include visitations to local printshops.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ART 241 Typography Survey

Credits: 3

Intended as an introduction to typography, this course studies the fundamentals and development of typographic forms and principles of practical type selection and control. The course touches on history of type as well as current technology as it relates to type. Type design, classification, selection, and control techniques are studied in a hands-on environment that puts considerable emphasis on aesthetic considerations.

Pre-Requisites: ((ART_240)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ART 260 Sophomore Review

Credits: 0

A formal faculty review of student progress.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: All Years Spring: All Years Summer: N/A

ART 270 Art Education/Elementary

Credits: 3

A course for students interested in learning to stimulate children's creative visual expression. It is organized to develop insight into children's expression as well as understanding and discovering their environment. Basic art concepts, motivations, developmental characteristics, and curriculum are also presented.

Pre-Requisites: (ED_101) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years*

Summer: Dept Discretion

ART 286 Topics in Art

Credits: 3 - 6

To provide instruction in topics of special interest that will not be covered thoroughly in other art courses.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: N/A Spring: N/A Summer: N/A

ART 292 Honors Credit in Art

Credits: 1 - 2

An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other Art course.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: N/A Spring: N/A Summer: N/A

ART 320 Drawing

Credits: 4

An introduction to a wide range of basic drawing approaches and materials. This course is designed to develop the quality of students' drawings. Students will explore how formal elements, techniques, and materials combine with cognitive meaning. Advanced students will focus on self-directed projects and the development of significant content.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_220)) **Course Frequency:**

Fall: All Years Spring: Even Years Summer: N/A

ART 321 Painting

Credits: 4

An introduction to basic painting techniques and materials, focused on developing students' painting skills. Students will explore how formal elements, techniques, and materials combine with cognitive meaning. Advanced students will focus on self-directed projects and the development of significant content.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_221)) **Course Frequency:**

Fall: All Years Spring: All Years Summer: N/A

ART 322 Printmaking

Credits: 4

To develop an understanding of traditional and contemporary hand printing processes through the editioning process, and to explore the two-dimensional image and its relationship to these processes. Emphasis is on

experimentation and individual creative expression.

Pre-Requisites: ((ART_100) OR (ART_102) OR (ART_103)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ART 325 Fibers

Credits: 4

A course for beginning and advanced students interested in creating with fibers. Preparing and spinning fibers as well as basic weaving techniques are introduced. The student is then guided in the direction he or she chooses. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

Pre-Requisites: (ART_102) OR (ART_103) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

ART 326 Figure Drawing

Credits: 4

This course introduces the human form as subject matter. Emphasis will be on structure of the human form, as well as artistic anatomy and drawing from observation in the student's initial enrollment. Subsequent enrollment builds on this foundation and emphasizes individual expression of artistic form and use of the figure in content exploration. Note: Life study drawing includes use of nude models.

Pre-Requisites: ((ART_100) OR (ART_102) OR (ART_103)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ART 330 Sculpture

Credits: 4

To further students' understanding of the three-dimensional form in space, and their ability to create and present it through creating methods, materials, tools, and techniques. Processes covered include: additive, subtractive, assemblage, fabrication, molds, and metal casting. The course is repeatable to improve competencies. Advanced students concentrate on personal creative directions and content.

Pre-Requisites: (ART_230) **Course Frequency:** *Fall: Odd Years Spring: Odd Years Summer: N/A*

ART 331 Ceramics

Credits: 4

A course structured to meet the needs of both beginning and advanced students. All ceramic processes are available for exploration. Individual creative exploration and production is encouraged. Basic processes are learned in functional pottery, hand-built constructions, glazes, and firing methods.

Pre-Requisites: (ART_102) OR (ART_103) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

ART 332 Jewelry/Metalsmithing

Credits: 4

A course for both beginning and advanced students interested in learning basic techniques to create original jewelry from precious and non-precious metal and stones. Both fabrication and casting techniques are covered

as main topics as well as stone setting, electro processes, and kiln/heat processes.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: N/A Spring: N/A Summer: N/A

ART 343 Digital Art Photography

Credits: 4

The emphasis of this course will be on the use of a digital camera as a tool for artistic expression. Students will study basic photo aesthetics, composition through the lens, color manipulation through external factors, selective focus, motion capture and media distinctives of electronic cameras. Image manipulation will not be emphasized in this course, rather the class will dwell on the unique qualities of photography as a tool for looking at the world and as a means of individual and artistic expression.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: All Years Spring: N/A Summer: Dept Discretion

ART 344 Illustration

Credits: 3 - 6

A technical course intended to cover a variety of styles, techniques, and issues related to graphics manipulated for commercial purposes. This class is not intended to teach drawing but instead builds upon previous drawing experience. May include airbrush, computer art, and/or traditional materials and themes. Students are encouraged to develop a personal illustrative style or a unique use of a technique.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: N/A Spring: N/A Summer: N/A

ART 345 Computer Graphics for Media

Credits: 1 - 8

Emphasis will be on how to design and produce interactive media, CD ROM or Internet graphics. Topics will cover computer illustration, animation, interactive software and WEB site design. Students will learn basic state-of-the-art software to create object-oriented illustrations, 3-D modeling, animation and rendering, interactive multimedia and World Wide Web publishing techniques. Paperless publishing issues covering WEB compatibility, animation, interactivity, video, sound and WEB site preparation will be covered. File management and format issues will also be discussed. Computer experience with MAC and PC operating platforms helpful but not essential.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: N/A Spring: N/A Summer: N/A

ART 348 Graphic Design Studio

Credits: 4

This repeatable course focuses on creating and presenting quality work suitable for portfolio inclusion. Students will learn principles of visual communication through several individual and team projects covering identity, advertising, promotional, package, exhibit, environmental, information, wayfinding, and instructional design. Regular participation in critiques and discussion are required. Advanced students will initiate self-directed projects that reflect fast-paced work habits and professional practice.

Pre-Requisites: (ART_240) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ART 350 Contemporary Art History

Credits: 3

A study of the major movements, key artists and art theories appearing in the visual arts from the 1940's to the

present.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ART 351 History of Graphic Design

Credits: 3

A survey of the history of graphic design from its roots in pre-alphabetic visual communication through to modern trends and new medias for the twenty-first century. The course examines major design movements as they relate and diverge from periods in fine arts and the development of print technologies. Special attention will be given to developments of the Arts & Crafts movement, Art Nouveau, Pictorial Modernism, the Bauhaus, Swiss/International typographic style, The New York School, Post Modern Design and current trends.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ART 352 Women in Art

Credits: 3

Students will gain an understanding of the social and historical environment, aesthetics, and legacy of women as artist and subject through an examination of selected examples found in the visual arts from the Ancient, Medieval, Renaissance and Modern eras.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

ART 355 American Art History

Credits: 3

Survey of the arts of North America, including indigenous, colonial European influence, folk traditions, African American and women's art in a variety of media such as painting, sculpture, decorative arts, and architecture. The goal of the course is to make the students aware of the arts of different historical periods and how the changing culture of North America is reflected in them. This course will cover pre-1940 in most media.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

ART 360 Junior Review

Credits: 1

A formal faculty review of student progress. Student artistic development is evaluated by the whole art faculty. Student is given the opportunity to discuss their personal stylistic development.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) **Course Frequency:**

Fall: All Years Spring: All Years Summer: N/A

ART 370 Art Education/Secondary

Credits: 3

Designed to provide the art education major with the applied psychological, philosophical, and educational information to effectively teach art in the secondary school.

Pre-Requisites: (ED_101) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years*

Summer: N/A

ART 386 Topics in Art

Credits: 2 - 8

To provide instruction in topics of special interest that will not be covered thoroughly in other art courses.

Pre-Requisites: (ART_101) OR (ART_102) OR (ART_103) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

ART 394 Directed Studies

Credits: 1 - 8

Course of study developed with supervising instructor.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) and junior status.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ART 399 Internship

Credits: 1 - 3

No description

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ART 400 Professional Practices Seminar

Credits: 3

This is the capstone course for the major. A seminar course taught by a team of Art faculty members, each bringing in essential areas of expertise. Content of the course ranges from survival in the arts, evaluating one's own creative process and portfolio options, to graduate schools and other educational opportunities, legal and business considerations for the self employed artist and networking in the world of art.

Pre-Requisites: ((ART_100) OR (ART_101) OR (ART_102) OR (ART_103)) and senior status.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ART 460 Graduation Exhibition: Senior Review

Credits: 0

Final performance course for Art: studio emphasis majors.

Pre-Requisites: ((ART_260 AND ART_360)) and senior status. **Course Frequency:** *Fall: All Years*

Spring: All Years Summer: N/A

ART 461 Graphic Design Graduation Project: Senior Review

Credits: 0

Final performance course for graphic design emphasis majors.

Pre-Requisites: ((ART_260 AND ART_360)) and senior status. **Course Frequency:** *Fall: All Years*

Spring: All Years Summer: N/A

ART 499 Graphic Design Internship

Credits: 2

Individually arranged internships within the broad area of design. Must be proposed and approved by instructor prior to enrollment.

Pre-Requisites: Requires minimum credits: 60 **Course Frequency:** *Fall: All Years Spring: All Years*

Summer: Dept Discretion

Biology

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Sandy Craner, Vaughn Gehle, Tony Greenfield, Pam Sanders

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Biology](#)

[Download MAP](#)

[Bachelor of Science: Biology Education](#)

[Download MAP](#)

[Bachelor of Arts: Medical Laboratory Science](#)

[Download MAP](#)

The Biology Program offers a diversified selection of courses in the life sciences. These courses are designed for students having specific degree objectives and for students interested in certain pre-professional programs. Degree programs available include Biology, Biology Education, and Medical Laboratory Science.

The major in Biology is broadly based in biology and the supporting sciences. It is designed especially to prepare students for continued study at the graduate level and can lead to a wide variety of career opportunities. The Biology Education major, including coursework in the Education Department, prepares the graduate for a teaching career at the secondary level. The major in Medical Laboratory Science is designed for entry into the Medical Technology professions at graduation, contingent upon certification by National Registry Examination.

Note: Students must have an overall GPA of at least 2.0 in Biology courses applied towards the major or minor requirements.

Students must have an overall GPA of at least 2.0 in Related Fields courses required for the Biology major.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Biology(66 Credits)

I. Required Courses in Biology: (22 Credits)

BIOL 200	Introduction to Cellular Biology	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab	Credits: 1
BIOL 201	Introduction to Biodiversity & Evolution	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab	Credits: 1
BIOL 287	Sophomore Biology Seminar	Credits: 1
BIOL 302	Botany	Credits: 3
BIOL 302L	Botany Lab	Credits: 1
BIOL 311	Ecology	Credits: 3
BIOL 311L	Ecology Lab	Credits: 1
BIOL 321	Genetics	Credits: 3
BIOL 321L	Genetics Lab	Credits: 1
BIOL 487	Senior Biology Seminar	Credits: 1

Notes:

Note: Students must earn a grade of C- or better in BIOL 487.

II. Biology Electives: (14 Credits)

Notes:

Choose a minimum of two courses with a corresponding lab. Note: A course taken as a Biology elective cannot be used in the Related Fields requirement.

BIOL 303	Microbiology	Credits: 3
BIOL 303L	Microbiology Lab	Credits: 2
BIOL 305	Human Anatomy & Physiology I	Credits: 3
BIOL 305L	Human Anatomy & Physiology I Lab	Credits: 1
BIOL 306	Human Anatomy & Physiology II	Credits: 3
BIOL 306L	Human Anatomy & Physiology II Lab	Credits: 1
BIOL 310	Natural History of Vertebrates	Credits: 3

BIOL 310L	Natural History of Vertebrates Lab	Credits: 1
BIOL 326	Behavior	Credits: 3
BIOL 333	Histology	Credits: 3
BIOL 337	Natural Medicines & Clinical Trials	Credits: 3
BIOL 338	Plant Diversity	Credits: 3
BIOL 338L	Plant Diversity Lab	Credits: 1
BIOL 371	Food Microbiology	Credits: 2
BIOL 377	Principles of Nutrition	Credits: 3
BIOL 401	Evolution	Credits: 3
BIOL 461	Immunology	Credits: 3
BIOL 471	Virology	Credits: 2
BIOL 471L	Virology Lab	Credits: 1
BIOL 486	Advanced Topics in Biology	Credits: 1 - 4
CHEM 100	Nursing Chemistry	Credits: 3
CHEM 373	Biochemistry	Credits: 3
CHEM 373L	Biochemistry Lab	Credits: 1
ENVS 401	Wetland Ecology	Credits: 3
ENVS 401L	Wetland Ecology Lab	Credits: 1
ENVS 406	Limnology	Credits: 3
ENVS 406L	Limnology Lab	Credits: 1

III. Requirements in Related Fields: (28-30 Credits)

CHEM 2XX	Chemistry course with lab	Credits: 17
MATH 200	Intro to Statistics	Credits: 3
PHYS XXX	Physics course with lab	Credits: 8

IV. Restrictions for Bachelor of Arts Degree in Biology

Notes:

1. Credits earned in either BIOL 494: Directed Studies and/or BIOL 499: Internship in Biology CANNOT be used to fulfill the Biology major requirements.

Total Credits: **66****Bachelor of Arts: Medical Laboratory Science(80 Credits)****I. Required Courses in Biology: (25 Credits)**

BIOL 200	Introduction to Cellular Biology	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab	Credits: 1
BIOL 287	Sophomore Biology Seminar	Credits: 1
BIOL 303	Microbiology	Credits: 3
BIOL 303L	Microbiology Lab	Credits: 2
BIOL 305	Human Anatomy & Physiology I	Credits: 3
BIOL 305L	Human Anatomy & Physiology I Lab	Credits: 1
BIOL 306	Human Anatomy & Physiology II	Credits: 3
BIOL 306L	Human Anatomy & Physiology II Lab	Credits: 1
BIOL 321	Genetics	Credits: 3
BIOL 321L	Genetics Lab	Credits: 1
BIOL 461	Immunology	Credits: 3

II. Requirements in Related Fields: (21 Credits)

CHEM 231	General Chemistry I	Credits: 3
CHEM 231L	General Chemistry I Lab	Credits: 1
CHEM 232	General Chemistry II	Credits: 3
CHEM 232L	General Chemistry II Lab	Credits: 2
CHEM 351	Organic Chemistry I	Credits: 3
CHEM 351L	Organic Chemistry I Lab	Credits: 2
MATH 200	Intro to Statistics	Credits: 3

CHEM 2XX Chemistry Courses 200 level or above _____ Credits: 4

III. Clinical Internship: (34 Credits)

Notes:

The student must complete an internship at the Sanford USD Medical Center in Sioux Falls, South Dakota. This 12-month internship program requires formal application and acceptance.

The courses at Sanford USD Medical Center include:

Clinical Microscopy/Urinalysis (2 Credits)

Clinical Hematology/Coagulation (8 Credits)

Clinical Microbiology (10 Credits)

Clinical Serology/Immunology (2 Credits)

Clinical Chemistry/Immunoassay/Body Fluids (11 Credits)

Clinical Immunohematology (6 Credits)

Management and Supervision (1 Credit)

Total Credits: **80**

Bachelor of Science: Biology Education*(54-55 Credits)

I. Required Courses in Biology: (31 Credits)

BIOL 200	Introduction to Cellular Biology _____	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab _____	Credits: 1
BIOL 201	Introduction to Biodiversity & Evolution _____	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab _____	Credits: 1
BIOL 287	Sophomore Biology Seminar _____	Credits: 1
BIOL 302	Botany _____	Credits: 3
BIOL 302L	Botany Lab _____	Credits: 1
BIOL 303	Microbiology _____	Credits: 3
BIOL 303L	Microbiology Lab _____	Credits: 2
BIOL 305	Human Anatomy & Physiology I _____	Credits: 3
BIOL 305L	Human Anatomy & Physiology I Lab _____	Credits: 1
BIOL 311	Ecology _____	Credits: 3
BIOL 311L	Ecology Lab _____	Credits: 1
BIOL 321	Genetics _____	Credits: 3
BIOL 321L	Genetics Lab _____	Credits: 1
BIOL 487	Senior Biology Seminar _____	Credits: 1

II. Requirements in Related Fields: (23-24 Credits)

ENVS 101	Physical Geology _____	Credits: 3
ENVS 101L	Physical Geology Lab _____	Credits: 1
ENVS 102	Historical Geology _____	Credits: 3
ENVS 102L	Historical Geology Lab _____	Credits: 1
MATH 200	Intro to Statistics _____	Credits: 3

Choose to complete either Group A or Group B

Group A.

CHEM 121	Basic Chemistry _____	Credits: 3
CHEM 121L	Basic Chemistry Lab _____	Credits: 1
CHEM 122	Introductory Organic/Biochemistry _____	Credits: 3
CHEM 122L	Introduction to Organic/Biochemistry Lab _____	Credits: 1

Group B.

CHEM 231	General Chemistry I _____	Credits: 3
CHEM 231L	General Chemistry I Lab _____	Credits: 1
CHEM 232	General Chemistry II _____	Credits: 3
CHEM 232L	General Chemistry II Lab _____	Credits: 2

Choose one Physics course with its corresponding lab:

PHYS 100	Our Physical Universe _____	Credits: 3
PHYS 100L	Our Physical Universe Lab _____	Credits: 1

PHYS 121	Introduction to Astronomy _____	Credits: 3
PHYS 121L	Introduction to Astronomy Lab _____	Credits: 1
PHYS 141	College Physics I _____	Credits: 3
PHYS 141L	College Physics I Lab _____	Credits: 1

Bachelor of Science: Biology Education* Notes:

* NOTE: The student must fulfill the 9-12 professional education requirements for licensure; see the [Education Department](#) regarding these requirements.

Total Credits: **54-55**

Minor: Biology(22 Credits)**Biology Core: (12 Credits)**

BIOL 200	Introduction to Cellular Biology _____	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab _____	Credits: 1
BIOL 201	Introduction to Biodiversity & Evolution _____	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab _____	Credits: 1
BIOL 302	Botany _____	Credits: 3
BIOL 302L	Botany Lab _____	Credits: 1

Elective Courses: (10 Credits)

BIOL 3XX	Biology Electives _____	Credits: 10
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Total Credits: **22**

Course Descriptions**BIOL 100 Biology in Modern World Credits: 3**

A study of the major themes in biology including the nature of life, genetics, evolution, ecology and biological diversity.

Goal: 03- Natural Science **Course Frequency:** Fall: All Years Spring: All Years Summer: Dept Discretion

BIOL 100L Biology in Modern World Lab Credits: 1

A study of the major themes in biology including the nature of life, genetics, evolution, ecology and biological diversity.

Goal: 03- Natural Science **Course Frequency:** Fall: All Years Spring: All Years Summer: Dept Discretion

BIOL 101 Contemporary Gardening Credits: 1

This course will provide information regarding selection and cultivation of ornamental plants such as flowers, shrubs, vines, small trees, and selected vegetables, which are hardy in this zone (4). The course has been designed to accommodate ITV or cable network transmission.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A

BIOL 104 Medical Terminology Credits: 1

A presentation of the basic principles inherent in the formation of medical terms. Students will develop a medical vocabulary of common and contemporary terms.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

BIOL 150 Physiological Anatomy for Non-science Majors **Credits: 3**

A lecture-laboratory course designed for the non-major to study human anatomy and physiology with emphasis on the structure and function of the systems of the body. Special emphasis will be placed on skeletal and muscular systems, as well as the cardiovascular, respiratory, nervous, endocrine, renal, digestive, urinary, and reproductive systems.

Pre-Requisites: (BIOL_100) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

BIOL 150L Physiological Anatomy for Non-science Majors Lab **Credits: 1**

A lecture-laboratory course designed for the non-major to study human anatomy and physiology with emphasis on the structure and function of the systems of the body. Special emphasis will be placed on skeletal and muscular systems, as well as the cardiovascular, respiratory, nervous, endocrine, renal, digestive, urinary, and reproductive systems.

Pre-Requisites: (BIOL_100) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

BIOL 186 Special Topics in Biology **Credits: 1 - 4**

BIOL 200 Introduction to Cellular Biology **Credits: 3**

This is an introductory level course emphasizing the basic cellular/molecular aspects of biology including scientific inquiry, biological molecules, cell structure and function, metabolism, cell division, and genetics.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

BIOL 200L Introduction to Cellular Biology Lab **Credits: 1**

This is an introductory level course emphasizing the basic cellular/molecular aspects of biology including scientific inquiry, biological molecules, cell structure and function, metabolism, cell division, and genetics.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

BIOL 201 Introduction to Biodiversity & Evolution **Credits: 3**

This course is an introduction to plant and animal diversity with an emphasis on evolutionary relationships of organisms and the ways in which these organisms interact and function in ecological communities. Core concepts include evolution, plant and animal phylogeny and classification, and energy flow through ecosystems. This course is one part of a two course introductory biology sequence intended for biology majors.

Goal: 03- Natural Science 10- People/Environment **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

BIOL 201L Introduction to Biodiversity & Evolution Lab **Credits: 1**

This course is an introduction to plant and animal diversity with an emphasis on evolutionary relationships of organisms and the ways in which these organisms interact and function in ecological communities. Core

concepts include evolution, plant and animal phylogeny and classification, and energy flow through ecosystems. This course is one part of a two course introductory biology sequence intended for biology majors.

Goal: 03- Natural Science 10- People/Environment **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

BIOL 286 Topics in Biology

Credits: 1 - 4

BIOL 287 Sophomore Biology Seminar

Credits: 1

In this course, students will learn to find, read, analyze, and evaluate published research in biology. The skills developed in this course will be used to prepare the student for advanced biology courses and the requisite seminar presentation in BIOL 487.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

BIOL 292 Honors Credit in Biology

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other Biology course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

BIOL 302 Botany

Credits: 3

Introduction to plant anatomy, physiology, growth, and development. Topics also include plant ecology, biotechnology, and human uses of plants.

Pre-Requisites: ((BIOL_200 AND BIOL_201)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

BIOL 302L Botany Lab

Credits: 1

Introduction to plant anatomy, physiology, growth, and development. Topics also include plant ecology, biotechnology, and human uses of plants.

Pre-Requisites: ((BIOL_200 AND BIOL_201)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

BIOL 303 Microbiology

Credits: 3

Functional and structural diversity of bacteria, protozoans, fungi and viruses; environmental, economic, and pathogenic significance of representative forms.

Pre-Requisites: ((BIOL_200)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

BIOL 303L Microbiology Lab

Credits: 2

Functional and structural diversity of bacteria, protozoans, fungi and viruses; environmental, economic, and pathogenic significance of representative forms.

Pre-Requisites: ((BIOL_200)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

BIOL 305 Human Anatomy & Physiology I **Credits: 3**

Lecture and lab exercises covering basic anatomical and directional terminology; selected principles of cell biology; histology; and the integumentary, skeletal, muscular, nervous and endocrine systems. Course designed for science and allied health majors.

Pre-Requisites: ((BIOL_200 AND CHEM_121) OR (BIOL_200 AND CHEM_231)) **Course**

Frequency: *Fall: All Years Spring: N/A Summer: N/A*

BIOL 305L Human Anatomy & Physiology I Lab **Credits: 1**

Lecture and lab exercises covering basic anatomical and directional terminology; selected principles of cell biology; histology; and the integumentary, skeletal, muscular, nervous and endocrine systems. Course designed for science and allied health majors.

Pre-Requisites: ((BIOL_200 AND CHEM_121) OR (BIOL_200 AND CHEM_231)) **Course**

Frequency: *Fall: All Years Spring: N/A Summer: N/A*

BIOL 306 Human Anatomy & Physiology II **Credits: 3**

Lecture and lab exercises covering the cardiovascular, lymphatic, respiratory, immune, digestive, urinary, and reproductive systems; metabolism; fluid/electrolyte and acid/base balance.

Pre-Requisites: (BIOL_305) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

BIOL 306L Human Anatomy & Physiology II Lab **Credits: 1**

Lecture and lab exercises covering the cardiovascular, lymphatic, respiratory, immune, digestive, urinary, and reproductive systems; metabolism; fluid/electrolyte and acid/base balance.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

BIOL 310 Natural History of Vertebrates **Credits: 3**

A survey of vertebrates including discussion of characteristics of each class, representative species, and adaptations for survival and reproduction. Lab emphasizes vertebrates in the Midwest.

Pre-Requisites: ((BIOL_200 OR BIOL_201)) **Course Frequency:** *Fall: N/A Spring: Dept Discretion*

Summer: N/A

BIOL 310L Natural History of Vertebrates Lab **Credits: 1**

A survey of vertebrates including discussion of characteristics of each class, representative species, and adaptations for survival and reproduction. Lab emphasizes vertebrates in the Midwest.

Pre-Requisites: (BIOL_200) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

BIOL 311 Ecology**Credits: 3**

Discussion of ecosystem structure and function, population ecology, evolution, and applied ecology. Lab emphasizes field experiments.

Pre-Requisites: ((BIOL_200 AND BIOL_201 AND BIOL_287 AND BIOL_302)) **Course Frequency:**

Fall: All Years Spring: N/A Summer: N/A

BIOL 311L Ecology Lab**Credits: 1**

Discussion of ecosystem structure and function, population ecology, evolution, and applied ecology. Lab emphasizes field experiments.

Pre-Requisites: ((BIOL_200 AND BIOL_201 AND BIOL_287 AND BIOL_302)) **Course Frequency:**

Fall: All Years Spring: N/A Summer: N/A

BIOL 321 Genetics**Credits: 3**

An analysis of hereditary principles covering classical Mendelian inheritance and recent advances in molecular genetics. Expression and inheritance of characteristics in eukaryotes.

Pre-Requisites: ((BIOL_200 AND BIOL_201)) **Course Frequency:** *Fall: N/A Spring: All Years Summer:*

N/A

BIOL 321L Genetics Lab**Credits: 1**

An analysis of hereditary principles covering classical Mendelian inheritance and recent advances in molecular genetics. Expression and inheritance of characteristics in eukaryotes.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

BIOL 326 Behavior**Credits: 3**

This course examines the mechanisms and processes that control behavior from a number of biological perspectives: ecological, evolutionary, physiological, and genetic.

Pre-Requisites: ((BIOL_200) OR (BIOL_201) OR (PSYC_101)) **Course Frequency:** *Fall: N/A Spring:*

Dept Discretion Summer: N/A

BIOL 333 Histology**Credits: 3**

Histology techniques and microscopic anatomy of selected animal tissues.

Pre-Requisites: (BIOL_305) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

BIOL 337 Natural Medicines & Clinical Trials**Credits: 3**

An investigation into the medicinal use of drugs and supplements derived from plants and other natural sources, and how to evaluate evidence about the safety and efficacy of these medicines. Topics include characteristics of good clinical trials, how plant-derived drugs are developed, how drug mechanisms are studied, psychoactive drugs from plants, and history of some natural medicines.

Pre-Requisites: ((BIOL_200 AND CHEM_121) OR (BIOL_200 AND CHEM_231)) **Course**

Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

BIOL 338 Plant Diversity

Credits: 3

A survey of the diversity of plants, their life cycles, evolutionary relationships among major groups as well as plant distribution and factors affecting distribution.

Pre-Requisites: (BIOL_302) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

BIOL 338L Plant Diversity Lab

Credits: 1

A survey of the diversity of plants, their life cycles, evolutionary relationships among major groups as well as plant distribution and factors affecting distribution.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

BIOL 371 Food Microbiology

Credits: 2

This course is a study of the nature, physiology, and interactions of microorganisms in food. Emphasis is placed on food-borne illness, food spoilage, food preservation, food fermentations, microbial standards, identification and detection of microbes in food, and sanitation and quality control of foods.

Pre-Requisites: (BIOL_200 AND CHEM_121) OR (BIOL_200 AND CHEM_122) OR (BIOL_200 AND CHEM_231) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

BIOL 371L Food Microbiology Lab

Credits: 2

This course is a study of the nature, physiology, and interactions of microorganisms in food. Emphasis is placed on food-borne illness, food spoilage, food preservation, food fermentations, microbial standards, identification and detection of microbes in food, and sanitation and quality control of foods.

Pre-Requisites: ((BIOL_200 AND CHEM_121) OR (BIOL_200 AND CHEM_122) OR (BIOL_200 AND CHEM_231)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

BIOL 377 Principles of Nutrition

Credits: 3

A course focused on the biology of the digestive system, cellular functions of the macro- and micro-nutrients, diseases of malnutrition, and critical evaluation of nutrition research.

Pre-Requisites: ((BIOL_200 AND CHEM_121) OR (BIOL_200 AND CHEM_231)) **Course**

Frequency: *Fall: N/A Spring: All Years Summer: N/A*

BIOL 401 Evolution

Credits: 3

Introduction to the concept of evolution, origin and types of genetic variation, modes of selection, and evidence for the evolutionary process.

Pre-Requisites: (BIOL_321) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

BIOL 461 Immunology

Credits: 3

Course will address the basics and applications of immunologic functions and will enable the student to understand one of the basic protective systems in humans.

Pre-Requisites: (BIOL_200) and junior status. **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

BIOL 471 Virology

Credits: 2

Course is designed to address the structure, classification, and diagnosis of major viral pathogens; and the viral diseases affecting humans and animals.

Pre-Requisites: ((BIOL_200 AND BIOL_201 AND BIOL_303)) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

BIOL 471L Virology Lab

Credits: 1

Course is designed to address the structure, classification, and diagnosis of major viral pathogens; and the viral diseases affecting humans and animals.

Pre-Requisites: ((BIOL_200 AND BIOL_201 AND BIOL_303)) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

BIOL 486 Advanced Topics in Biology

Credits: 1 - 4

BIOL 487 Senior Biology Seminar

Credits: 1

An applied learning experience which involves critical evaluation of biological research articles, scientific writing, and oral seminar presentation.

Pre-Requisites: ((BIOL_200 AND BIOL_201 AND BIOL_287)) and (Requires minimum credits: 75)
Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

BIOL 494 Directed Studies in Biology

Credits: 1 - 2

Independent research, directed by a faculty member, which may be laboratory research, library research, or other experiences approved by the Biology Program.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

BIOL 499 Internship in Biology

Credits: 1 - 15

Supervised experiences in learning situations that cannot be obtained on campus.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

Business Administration**Associate in Science: Business Administration(60 Credits)****I. Business Core: (15 Credits)**

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
FIN 350	Managerial Finance	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

II. Business Administration (9 Credits)

BLAW 305	Legal Environment and Contract Law	Credits: 3
FIN 230	Business Statistics I	Credits: 3
MGMT 350	Human Resources	Credits: 3

Choose two of the following Business Administration Electives:

BLAW 355	Commercial and Financial Law	Credits: 3
ECON 328	Money and Banking	Credits: 3
ENG 331	Business Communications	Credits: 3
FIN 352	Analyzing Financial Statements	Credits: 3
FIN 354	Working Capital Management	Credits: 3
FIN 375	Investments	Credits: 3
MGMT 330	Organizational Behavior and Theory	Credits: 3
MGMT 332	Interpersonal Skills in Organizations	Credits: 3
MGMT 450	Diversity Management	Credits: 3
MKTG 331	Professional Selling	Credits: 3
MKTG 381	Advertising Management	Credits: 3
MKTG 421	Business-to-Business Marketing	Credits: 3
POL 325	Administrative Law and Regulation	Credits: 3

III. Minnesota Transfer Curriculum (MnTC) for A.S. Degree (30 Credits)**MnTC Goal 1: Communication (3 courses, 10 credits)**

ENG 151	Academic Writing	Credits: 4
ENG 251	Writing in Professions	Credits: 3

MnTC Goal 2: Critical Thinking (1 course, 3 credits)

LEP 100	First Year Seminar	Credits: 3
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MnTC Goal 3: Natural Sciences (1 course with lab, 4 credits)

Notes:

See the complete MnTC Goal 3 list [here](#).

MnTC Goal 4: Mathematical/Logical Reasoning (1 course, 3-5 credits)

MATH 110	College Algebra	Credits: 3
MATH 115	Finite Mathematics	Credits: 3
MATH 140	Calculus: A Short Course	Credits: 3
MATH 150	Calculus I	Credits: 5

MnTC Goal 5: History and the Social and Behavioral Sciences (Choose one, 3 credits)

ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3

MnTC Goal 6: The Humanities and Fine Arts (Choose one, 3 credits)

Notes:

See the complete MnTC Goal 6 list [here](#).

Elective Minnesota Transfer Curriculum Credits:

Notes:

Choose one or more courses totaling four (4) credits for MnTC Goals 3, 5, 6, 7, 8, 9 or 10. Subject to LEP restriction of no course prefix

repetition. See current Minnesota Transfer Curriculum (MnTC) in the section of this catalog [here](#).

Total Credits: **60**

Minor: Business Administration for Non-Business Majors(24 Credits)

For majors in non-business related programs.

I. Required Courses:

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
BLAW 305	Legal Environment and Contract Law	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
FIN 350	Managerial Finance	Credits: 3
MGMT 221	Computer Concepts and Applications	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

Minor: Business Administration for Non-Business Majors Notes:

Note: Students must have a GPA of 2.0 or higher in the courses required for the minor.

Total Credits: **24**

Course Descriptions

BLAW 305 Legal Environment and Contract Law **Credits: 3**

An introduction to the basic elements of law and the legal system. Topics include: common law liability (torts) product liability criminal law and commercial transactions (Common Law Contracts & UCC Sales). The student should be able to analyze situations and then apply the law to it.

Pre-Requisites: Requires minimum credits: 30 **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

BLAW 355 Commercial and Financial Law **Credits: 3**

This course is a study of the basics of commercial/finance law. Major coverage areas include: the Uniform Commercial Code Business Organizations Agency Law and Personal Property.

Pre-Requisites: Requires minimum credits: 45 **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

Chemistry

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Noelle Beyer, Jay Brown, John Hansen, Frank Schindler

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Chemistry](#)

[Download MAP](#)

[Bachelor of Science: Chemistry Education](#)

[Download MAP](#)

The SMSU Chemistry Program offers lecture and laboratory courses in support of a variety of professional, pre-professional, liberal arts, and technical curricula. A bachelor of science or a bachelor of arts degree in Chemistry may be earned. In addition, a bachelor of science degree in Chemistry Education is available.

Completion of the B.S. degree in chemistry prepares a student for employment as a practicing laboratory chemist in a wide variety of industrial, educational, and governmental enterprises. It provides excellent preparation for admission into graduate programs in chemistry, biochemistry, pharmacology, toxicology, food science, environmental science, and other related areas and for admission into the professional schools of medicine, dentistry, and veterinary medicine.

Completion of the B.A. degree in chemistry prepares a student to seek a career in areas in which a knowledge of matter, energy, and their transformation is important including the chemical, food, health, environmental, and energy industries. Students frequently combine the B.A. degree with a second major such as biology, mathematics, and management.

A grade point average of 2.00 in all major course work taken at SMSU including courses transferred from other institutions.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Chemistry(56 Credits)

I. Chemistry Core: (42 Credits)

CHEM 231 General Chemistry I	Credits: 3
CHEM 231L General Chemistry I Lab	Credits: 1
CHEM 232 General Chemistry II	Credits: 3
CHEM 232L General Chemistry II Lab	Credits: 2
CHEM 243 Analytical Chemistry I	Credits: 5
CHEM 333 Intermediate Inorganic Chemistry	Credits: 4
CHEM 351 Organic Chemistry I	Credits: 3
CHEM 351L Organic Chemistry I Lab	Credits: 2
CHEM 352 Organic Chemistry II	Credits: 3
CHEM 352L Organic Chemistry II Lab	Credits: 2
CHEM 353L Organic Spectroscopic Analysis	Credits: 2
CHEM 364 Chemical Thermodynamics and Kinetics	Credits: 3
CHEM 364L Chemical Thermodynamics and Kinetics Laboratory	Credits: 1
CHEM 373 Biochemistry	Credits: 3
CHEM 373L Biochemistry Lab	Credits: 1
CHEM 3XX Chemistry Course	Credits: 4

Notes:

Note:

CHEM 243 is a 5-credit course that includes a 3-credit lecture component and a 2-credit lab component.

CHEM 333 is a 4-credit course that includes 3-credit lecture component and a 1-credit lab component.

II. Chemistry Capstone (1 Credits)

CHEM 420 Chemistry Seminar	Credits: 1 - 2
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III. Math Course: (5 Credits)

MATH 150 Calculus I	Credits: 5
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IV. Physics Sequence (Choose one group) (8-10 Credits)

Physics Group 1:

PHYS 141	College Physics I	Credits: 3
PHYS 141L	College Physics I Lab	Credits: 1
PHYS 142	College Physics II	Credits: 3
PHYS 142L	College Physics II Lab	Credits: 1

Physics Group 2:

PHYS 181	University Physics I	Credits: 4
PHYS 181L	University Physics I Lab	Credits: 1
PHYS 182	University Physics II	Credits: 4
PHYS 182L	University Physics II Lab	Credits: 1

Total Credits: **56****Bachelor of Science: Chemistry Education(39-43 Credits)****I. Chemistry Requirements: (28 Credits)**

CHEM 231	General Chemistry I	Credits: 3
CHEM 231L	General Chemistry I Lab	Credits: 1
CHEM 232	General Chemistry II	Credits: 3
CHEM 232L	General Chemistry II Lab	Credits: 2
CHEM 243	Analytical Chemistry I	Credits: 5
CHEM 351	Organic Chemistry I	Credits: 3
CHEM 351L	Organic Chemistry I Lab	Credits: 2
CHEM 352	Organic Chemistry II	Credits: 3
CHEM 352L	Organic Chemistry II Lab	Credits: 2
CHEM 364	Chemical Thermodynamics and Kinetics	Credits: 3
CHEM 420	Chemistry Seminar	Credits: 1 - 2

II. Related Fields: (13-15 Credits)

Choose one Math Course:

MATH 140	Calculus: A Short Course	Credits: 3
MATH 150	Calculus I	Credits: 5

One of the following Physics groups:*College Physics Group*

PHYS 141	College Physics I	Credits: 3
PHYS 141L	College Physics I Lab	Credits: 1
PHYS 142	College Physics II	Credits: 3
PHYS 142L	College Physics II Lab	Credits: 1

University Physics Group

PHYS 181	University Physics I	Credits: 4
PHYS 181L	University Physics I Lab	Credits: 1
PHYS 182	University Physics II	Credits: 4
PHYS 182L	University Physics II Lab	Credits: 1

III. Education Requirements:

Notes:

The student must fulfill the Professional Education Requirements for licensure; see [Education Department](#) for current requirements.**Bachelor of Science: Chemistry Education Notes:*** NOTE: The student must fulfill the 9-12 professional education requirements for licensure; see the [Education Department](#) regarding these requirements.Total Credits: **39-43****Course Descriptions**

CHEM 100 Nursing Chemistry**Credits: 3**

Introduces concepts and principles of chemistry and scientific measurements with an emphasis on applications to the health sciences. Topics include atomic and molecular structure, bonding, chemical notation, nomenclature, stoichiometry, common organic functional groups, and the most important classes of biological molecules.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

CHEM 100L Nursing Chemistry Lab**Credits: 1**

Introduces concepts and principles of chemistry and scientific measurements with an emphasis on applications to the health sciences. Topics include atomic and molecular structure, bonding, chemical notation, nomenclature, stoichiometry, common organic functional groups, and the most important classes of biological molecules.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

CHEM 110 Our Chemical World**Credits: 3**

An introductory course for non-science majors emphasizing elementary concepts of chemistry as they relate to society and the environment. May not be used as a prerequisite for any other chemistry course.

Goal: 03- Natural Science 10- People/Environment **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

CHEM 110L Our Chemical World Lab**Credits: 1**

An introductory course for non-science majors emphasizing elementary concepts of chemistry as they relate to society and the environment. May not be used as a prerequisite for any other chemistry course.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

CHEM 111 Chemistry in Our Daily Lives**Credits: 3**

Lecture focuses on the specific chemicals and chemical systems that are encountered in homes and on farms, and includes the effect they have on a person's immediate environment and health. Laboratory work uses mainly chemicals obtained from stores to reinforce the connection between chemical theory and practice. May not be used as a prerequisite for any other chemistry course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

CHEM 111L Chemistry in Our Daily Lives Lab**Credits: 1**

Lecture focuses on the specific chemicals and chemical systems that are encountered in homes and on farms, and includes the effect they have on a person's immediate environment and health. Laboratory work uses mainly chemicals obtained from stores to reinforce the connection between chemical theory and practice. May not be used as a prerequisite for any other chemistry course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

CHEM 121 Basic Chemistry**Credits: 3**

For students interested in agriculture, foods, health, or technology. Introduces basic concepts and fundamental principles of chemistry with an emphasis on applications to the above areas. The required preparation for this

course is three years of high school mathematics or MATH 060.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

CHEM 121L Basic Chemistry Lab

Credits: 1

For students interested in agriculture, foods, health, or technology. Introduces basic concepts and fundamental principles of chemistry with an emphasis on applications to the above areas.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

CHEM 122 Introductory Organic/Biochemistry

Credits: 3

For students interested in agriculture, foods, health, or technology. Brief study of organic and biochemistry with an emphasis on applications to the above areas.

Pre-Requisites: ((CHEM_121 OR CHEM_231)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CHEM 122L Introduction to Organic/Biochemistry Lab

Credits: 1

For students interested in agriculture, foods, health, or technology. Brief study of organic and biochemistry with an emphasis on applications to the above areas.

Pre-Requisites: ((CHEM_121L OR CHEM_231L)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CHEM 186 Special Topics in Chemistry

Credits: 1 - 4

CHEM 231 General Chemistry I

Credits: 3

First course in chemistry for students majoring in a science. Topics include chemical and physical properties of matter, atomic and molecular structure, bonding, chemical notation, inorganic nomenclature, stoichiometry, and periodic laws. The required preparation for this course is three years of high school mathematics or MATH 110.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

CHEM 231L General Chemistry I Lab

Credits: 1

First course in chemistry for students majoring in a science. Topics include chemical and physical properties of matter, atomic and molecular structure, bonding, chemical notation, inorganic nomenclature, stoichiometry, and periodic laws.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

CHEM 232 General Chemistry II

Credits: 3

Continuation of CHEM 231. Topics include molecular bonding and shapes, equilibrium, kinetics, and acid/base chemistry. Descriptive inorganic chemistry is emphasized. Laboratory work includes experiments

related to the lecture material including qualitative inorganic analysis.

Pre-Requisites: (CHEM_231) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

CHEM 232L General Chemistry II Lab

Credits: 2

Continuation of CHEM 231. Topics include thermodynamics, equilibrium, kinetics, acid/base chemistry, oxidation and reduction, descriptive inorganic chemistry, and nuclear chemistry. Laboratory work includes experiments related to the lecture material including quantitative analysis and qualitative inorganic analysis.

Pre-Requisites: (CHEM_231) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

CHEM 243 Analytical Chemistry I

Credits: 5

Introduction, theory, and hands-on application of instrumentation used in Chemical, Medical, Pharmaceutical, Environmental, Agrochemical, and Food industries. Topics may include titrimetric and gravimetric analyses, spectroscopy, chromatography, and electrochemistry.

Pre-Requisites: (CHEM_232) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

CHEM 286 Special Topics

Credits: 1 - 4

CHEM 292 Honors Credit in Chemist

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by certain students concurrently enrolled in at least one other chemistry course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

CHEM 333 Intermediate Inorganic Chemistry

Credits: 4

A study of bonding theories, structure, stereochemistry, and acid base reactivity of inorganic compounds with an emphasis on main group elements. Symmetry and group theory, topics related to transition metal complexes, coordination chemistry, and instrumentation in inorganic chemistry are discussed.

Pre-Requisites: (CHEM_232) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

CHEM 344 Instrumental Analysis

Credits: 4

Theory and techniques of modern instrumental methods of qualitative and quantitative analysis. Techniques covered include spectroscopic methods, chromatography, mass spectrometry, and electroanalytical methods.

Pre-Requisites: (CHEM_231 AND CHEM_231L) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

CHEM 351 Organic Chemistry I

Credits: 3

An examination of the principle functional groups of carbon compounds and the relationship of their structure to physical and chemical properties. Laboratory work includes chemical and instrumental methods of structure

elucidation.

Pre-Requisites: (CHEM_232) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

CHEM 351L Organic Chemistry I Lab

Credits: 2

An examination of the principle functional groups of carbon compounds and the relationship of their structure to physical and chemical properties. Laboratory work includes chemical and instrumental methods of structure elucidation.

Pre-Requisites: (CHEM_232) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

CHEM 352 Organic Chemistry II

Credits: 3

Continuation of CHEM 351.

Pre-Requisites: (CHEM_351) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CHEM 352L Organic Chemistry II Lab

Credits: 2

Continuation of CHEM 351.

Pre-Requisites: (CHEM_351) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CHEM 353L Organic Spectroscopic Analysis

Credits: 2

Students in this laboratory course receive training on the acquisition and analysis of spectroscopic data from organic compounds. The focus of the course is Nuclear Magnetic Resonance (NMR) Spectroscopy but additional techniques may include Infrared (IR) Spectroscopy, Mass Spectroscopy (MS), and Ultraviolet/Visible (UV/Vis) Spectroscopy.

Pre-Requisites: (CHEM_351L) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

CHEM 364 Chemical Thermodynamics and Kinetics

Credits: 3

An introduction to chemical thermodynamics and its applications; chemical kinetics; and the kinetic theory of gases.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

CHEM 364L Chemical Thermodynamics and Kinetics Laboratory **Credits: 1**

Laboratory to accompany CHEM 364

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

CHEM 365 Quantum Chemistry and Spectroscopy

Credits: 3

Quantum mechanics and its applications to molecular structure and spectroscopy; statistical mechanics of molecules; and chemical reaction dynamics.

Pre-Requisites: (MATH_151 AND PHYS_141 AND PHYS_142 AND CHEM_232) OR (MATH_151 AND PHYS_181 AND PHYS_182 AND CHEM_232) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

CHEM 365L Quantum Chemistry and Spectroscopy Laboratory **Credits: 1**
Laboratory to accompany CHEM 365

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

CHEM 373 Biochemistry **Credits: 3**
This course examines the fundamental structures, reactions, and metabolism of biologically important compounds, including amino acids, proteins, carbohydrates, lipids, and nucleic acids.

Pre-Requisites: (CHEM_352) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CHEM 373L Biochemistry Lab **Credits: 1**
Structure, reactions and metabolism of biologically important compounds.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

CHEM 420 Chemistry Seminar **Credits: 1 - 2**
Use of the chemical literature, current developments in research, technical speaking and writing.

Pre-Requisites: (CHEM_363) OR (CHEM_364) OR (CHEM_365) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CHEM 437 Adv Inorganic Chemistry **Credits: 3**
A study of advanced topics in inorganic chemistry, focusing on the development of and current trends in main group and transition-metal coordination, organometallic, and inorganic soil chemistry.

Pre-Requisites: (CHEM_232) OR (CHEM_333) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

CHEM 447 Advanced Analytical Chemistry **Credits: 3**
Advanced theory and application of topics introduced in Instrumental Analysis (CHEM 244). Subjects may include electrochemistry, chromatography, and Nuclear Magnetic Resonance (NMR) spectroscopy.

Pre-Requisites: ((CHEM_244 AND CHEM_364) OR (CHEM_244 AND CHEM_365)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

CHEM 457 Advanced Organic Chemistry **Credits: 3**
Transition states, reactive intermediates, free energy relationships, and kinetic isotope effects in the elucidation of reaction mechanisms.

Pre-Requisites: ((CHEM_352 AND CHEM_364) OR (CHEM_352 AND CHEM_365)) **Course**

Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

CHEM 467 Computational Chemistry

Credits: 3

An introduction to current quantum mechanical methods of computing molecular structure and spectra as well as chemical reaction dynamics. Common semi-empirical methods are discussed as are Hartree-Fock and densityfunctional methods. Both theory and practical experiencewith computer calculations are included.

Pre-Requisites: (CHEM_364) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

CHEM 470 Advanced Laboratory

Credits: 1 - 4

An introduction to the integrated practice of chemical science, including the use of primary chemical literature, laboratory research, and reporting research results in papers and seminars. May be repeated for additional credit. Students completing 3 credits or more of Advanced Laboratory must complete an independent laboratory research project and report its results in a major paper as well as in a public seminar.

Pre-Requisites: (CHEM_363 AND CHEM_352) OR (CHEM_364 AND CHEM_352) OR (CHEM_365 AND CHEM_352) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CHEM 486 Advanced Topics

Credits: 1 - 4

Organometallics, nonaqueous solution reactions, solid-state chemistry, polymers, computers in chemistry, environmental chemistry, or similar topics.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

CHEM 494 Independent Study

Credits: 1 - 4

CHEM 499 Internship in Chemistry

Credits: 1 - 16

Supervised work in chemistry that takes place off campus. Prior approval of the project and credits to be taken, and final report are required by the Chemistry Program.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

CHEM 543 Quantitative Chemical Analysis

Credits: 4

Advanced theory and application of classic wet-bench analytical chemistry techniques. Topics may include: chemical measurements, experimental error, statistics, activity coefficients, coupled chemical equilibria, polyprotic acid/base chemistry, gravimetric and volumetric analyses, and electrochemistry. A completed undergraduate degree in either Chemistry or Chemical Education is required to register for this course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

CHEM 564 Thermodynamics, Equilibrium, and Kinetics for Teachers

Credits: 2

Chemical thermodynamics and its applications to chemical equilibrium. Equilibrium calculations including applications to chemical analysis. Elementary theories of chemical reaction rates. Related laboratory exercises

with emphasis on applications to teaching of high school chemistry.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

CHEM 567 Educational Applications of Computational Chemistry Credits: 3

An introduction to current quantum mechanical methods of computing molecular structure and spectra.

Common semi-empirical methods are discussed as are Hartree-Fock and density functional methods. Both theory and practical experience with computer calculations are included. Applications of these methods to instruction in introductory chemistry courses are emphasized, including visualization of molecular orbitals, understanding molecular shapes, and predicting chemical properties and spectra.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Communication Studies

Department Office: FA 207
Phone Number: 507-537-7103
Staff & Faculty: Mark Fokken, Richard Herder, Joseph Ullian, Benjamin Walker, Julie Walker

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Communication Studies](#)

[Download MAP](#)

[Bachelor of Arts: Communication Studies: Public Relations](#)

[Download MAP](#)

[Bachelor of Science: Communication Studies: Broadcasting and Digital Media](#)

[Download MAP](#)

[Bachelor of Science: Communication Arts and Literature Education, Communication Studies](#)

[Download MAP](#)

The primary objective of the Communication Studies Program is to provide a curriculum for the student interested in developing communication skills. Students may select a variety of majors and/or minors which include communication studies, communication studies: theatre arts, communication studies: broadcasting and digital media, and communication studies: public relations emphasis. A Communication Arts and Literature major when coupled with professional education requirements leads to teacher licensure by the State of Minnesota.

The philosophy of the Communication Studies Program emphasizes student initiative, creativity, and responsible involvement. Classes are structured to provide a solid philosophical, historical, theoretical, and practical basis for the discipline selected. All students who complete a major/minor are required to maintain a portfolio of their speech coursework throughout their years of study.

These programs offer many extracurricular and co-curricular activities which are open to all students regardless of their major. Southwest Minnesota State University Communication Studies graduates can be found in teaching, broadcasting, digital media, theatre, public relations, business, law, and all walks of life where the ability to communicate is essential.

NOTE: A grade of "C-" or better is required for major/minor coursework applied toward a degree from the Communication Studies Program.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Communication Studies(42 Credits)

Communication Studies Core Courses: (15 Credits)

COMM 200 Small Group Communication	Credits: 3
COMM 220 Storytelling in Modern Communication	Credits: 3
COMM 288 Sophomore Seminar	Credits: 1
COMM 310 Persuasion	Credits: 3
COMM 330 Mass Media and Society	Credits: 3
COMM 488 Senior Seminar	Credits: 2

Additional Communication Studies Requirements: (21 Credits)

COMM 161 Communication Studies Activities: Forensics	Credits: 0 - 2
COMM 162 Broadcasting & Digital Media Activities	Credits: 1
COMM 230 Interpersonal Communication	Credits: 3
COMM 303 Professional Presentations	Credits: 3
COMM 356 Argumentation and Debate	Credits: 3
COMM 360 Organizational Communication	Credits: 3
COMM 410 Communication Analysis	Credits: 3

Choose one of the following:

COMM 112 Multicamera Television Production	Credits: 3
COMM 114 Essentials of Single Camera Field Production	Credits: 3

Communication Studies Electives (6 Credits)

COMM 210 Introduction to Public Relations	Credits: 3
COMM 260 Media Writing	Credits: 3
COMM 340 Documentary Production	Credits: 3
COMM 350 Narrative Filmmaking	Credits: 3
COMM 460 Transmedia Storytelling	Credits: 3

Total Credits: **42****Bachelor of Arts: Communication Studies: Public Relations(55 Credits)****Communication Studies Core Courses: (15 Credits)**

COMM 200 Small Group Communication	Credits: 3
COMM 220 Storytelling in Modern Communication	Credits: 3
COMM 288 Sophomore Seminar	Credits: 1
COMM 310 Persuasion	Credits: 3
COMM 330 Mass Media and Society	Credits: 3
COMM 488 Senior Seminar	Credits: 2

Required Public Relations Courses: (31 Credits)

COMM 114 Essentials of Single Camera Field Production	Credits: 3
COMM 210 Introduction to Public Relations	Credits: 3
COMM 260 Media Writing	Credits: 3
COMM 301 Risk and Crisis Communication	Credits: 3
COMM 303 Professional Presentations	Credits: 3
COMM 360 Organizational Communication	Credits: 3
COMM 455 PR Cases & Campaigns	Credits: 3
COMM 460 Transmedia Storytelling	Credits: 3
COMM 499 Internship in Communication Studies	Credits: 1 - 12
PSYC 200 Statistics for the Behavioral Sciences	Credits: 3
PSYC 200L Statistics for the Behavioral Sciences Lab	Credits: 1

Public Relations Electives: (Choose three courses from two different disciplines) (9 Credits)

ART 240 Concepts of Graphic Design	Credits: 3
COMM 320 Graphics for Television, Film and New Media	Credits: 3
COMM 340 Documentary Production	Credits: 3
ENG 204 Introduction to Journalism	Credits: 3
ENG 331 Business Communications	Credits: 3
ENG 360 Scientific & Technical Writing	Credits: 3
ENG 410 Advanced Journalism	Credits: 3
ENG 420 Copy Editing	Credits: 3
ENG 460 Writing and New Media	Credits: 4
MKTG 301 Principles of Marketing	Credits: 3
MKTG 331 Professional Selling	Credits: 3
MKTG 391 Consumer Behavior	Credits: 3
MKTG 451 e-Marketing	Credits: 3

Total Credits: **55****Bachelor of Science: Communication Studies: Broadcasting and Digital Media(53 Credits)**

Communication Studies Core Courses: (15 Credits)

COMM 200 Small Group Communication	Credits: 3
COMM 220 Storytelling in Modern Communication	Credits: 3
COMM 288 Sophomore Seminar	Credits: 1
COMM 310 Persuasion	Credits: 3

COMM 330 Mass Media and Society _____	Credits: 3
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COMM 488 Senior Seminar _____	Credits: 2
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Broadcasting and Digital Media Required Courses: (27 Credits)

COMM 112 Multicamera Television Production _____	Credits: 3
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COMM 114 Essentials of Single Camera Field Production _____	Credits: 3
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COMM 260 Media Writing _____	Credits: 3
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COMM 303 Professional Presentations _____	Credits: 3
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COMM 340 Documentary Production _____	Credits: 3
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COMM 350 Narrative Filmmaking _____	Credits: 3
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COMM 460 Transmedia Storytelling _____	Credits: 3
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COMM 480 Creative Project Workshop in Media Production _____	Credits: 3
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THTR 341 Acting for the Camera I _____	Credits: 3
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Choose two of the following Electives (6 Credits)

ART 343 Digital Art Photography _____	Credits: 4
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COMM 232 The Art of Making Films _____	Credits: 3
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COMM 320 Graphics for Television, Film and New Media _____	Credits: 3
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COMM 345 Sports Broadcasting & Media Production _____	Credits: 3
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COMM 435 Media Production for Learning & Training _____	Credits: 3
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THTR 280 Sound Design I _____	Credits: 3
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Broadcasting and Digital Media Required Activities: (2 Credits)

COMM 162 Broadcasting & Digital Media Activities _____	Credits: 1
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COMM 362 Broadcasting & Digital Media Activities 2 _____	Credits: 1
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Internship (3 Credits)

COMM 499 Internship in Communication Studies _____	Credits: 1 - 12
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Total Credits: **53****Bachelor of Science: Communication Arts and Literature Education, Communication Studies*(43 Credits)****Communication Studies Courses: (28 Credits)**

COMM 161 Communication Studies Activities: Forensics _____	Credits: 0 - 2
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COMM 200 Small Group Communication _____	Credits: 3
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COMM 220 Storytelling in Modern Communication _____	Credits: 3
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COMM 230 Interpersonal Communication _____	Credits: 3
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COMM 303 Professional Presentations _____	Credits: 3
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COMM 330 Mass Media and Society _____	Credits: 3
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COMM 356 Argumentation and Debate _____	Credits: 3
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COMM 410 Communication Analysis _____	Credits: 3
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COMM 435 Media Production for Learning & Training _____	Credits: 3
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COMM 450 Secondary Teaching Methods: Speech Communication _____	Credits: 3
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English/Literature Courses: (15 Credits)

ENG 361 Advanced Composition _____	Credits: 3
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ENG 365 Modern Grammar _____	Credits: 3
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LIT 410 Literacy & Literature for Adolescents _____	Credits: 3
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One British Survey Course:

LIT 321 British Literature: Beginning through Restoration and 18th Century _____	Credits: 3
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LIT 322 British Literature: Nineteenth and Twentieth Century _____	Credits: 3
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One American Survey Course:

LIT 331 American Literature: Beginning through Realism and Naturalism Credits: 3

LIT 332 American Literature: Modern & Contemporary Credits: 3

Bachelor of Science: Communication Arts and Literature Education, Communication Studies* Notes:

NOTE: This degree when coupled with professional education requirements can be used to obtain 5-12 education licensure in Communication Arts and Literature from the Minnesota State Board of Teaching. Please see the [Education Department](#) for current licensure requirements. This degree has an emphasis in Communication Studies. Licensure may also be obtained with an emphasis in English; see the [English section](#).

Total Credits: **43**

Minor: Communication Studies(22 Credits)

Communication Studies Minor Required Courses: (10 Credits)

COMM 161 Communication Studies Activities: Forensics	Credits: 0 - 2
COMM 200 Small Group Communication	Credits: 3
COMM 220 Storytelling in Modern Communication	Credits: 3
COMM 230 Interpersonal Communication	Credits: 3
COMM 303 Professional Presentations	Credits: 3
COMM 310 Persuasion	Credits: 3
COMM 330 Mass Media and Society	Credits: 3

Choose one of the following:

COMM 112 Multicamera Television Production	Credits: 3
COMM 114 Essentials of Single Camera Field Production	Credits: 3

Total Credits: **22**

Minor: Communication Studies/Theatre Arts(22 Credits)

Communication Studies/Theatre Arts Minor Core: (13 Credits)

COMM 161 Communication Studies Activities: Forensics	Credits: 0 - 2
COMM 200 Small Group Communication	Credits: 3
COMM 215 Oral Interpretation	Credits: 3
COMM 303 Professional Presentations	Credits: 3
COMM 356 Argumentation and Debate	Credits: 3

Take one of the following: (3 Credits)

THTR 140 Stagecraft I	Credits: 3
THTR 350 Directing I	Credits: 3

Take one of the following: (3 Credits)

COMM 111 Radio Production & Performance	Credits: 3
COMM 112 Multicamera Television Production	Credits: 3

Take one of the following: (3 Credits)

COMM 230 Interpersonal Communication	Credits: 3
COMM 240 Cross Cultural Communication	Credits: 3
COMM 410 Communication Analysis	Credits: 3

Total Credits: **22**

Minor: Filmmaking(22 Credits)

Required Courses: (19 Credits)

COMM 114 Essentials of Single Camera Field Production	Credits: 3
COMM 232 The Art of Making Films	Credits: 3
COMM 350 Narrative Filmmaking	Credits: 3
COMM 480 Creative Project Workshop in Media Production	Credits: 3

ENG 303	Writing for Stage and Screen _____	Credits: 4
THTR 341	Acting for the Camera I _____	Credits: 3

Filmmaking Electives: (3 Credits)

ART 343	Digital Art Photography _____	Credits: 4
COMM 112	Multicamera Television Production _____	Credits: 3
LIT 265	Literature and Film _____	Credits: 3
THTR 220	Film & Television Appreciation _____	Credits: 3
THTR 242	Stage Make-Up I _____	Credits: 3
THTR 250	Lighting Design I _____	Credits: 3
THTR 280	Sound Design I _____	Credits: 3
THTR 350	Directing I _____	Credits: 3
THTR 351	Acting for the Camera II _____	Credits: 3
THTR 480	Sound Design II _____	Credits: 3

Total Credits: **22****Minor: Health Communications(21 Credits)**

Communication Studies Core Courses: (9 Credits)

COMM 210	Introduction to Public Relations _____	Credits: 3
COMM 305	Principles of Health Communication _____	Credits: 3
COMM 455	PR Cases & Campaigns _____	Credits: 3

Group A (Choose two courses): (6 Credits)

COMM 230	Interpersonal Communication _____	Credits: 3
COMM 301	Risk and Crisis Communication _____	Credits: 3
COMM 360	Organizational Communication _____	Credits: 3
ENG 360	Scientific & Technical Writing _____	Credits: 3
FIN 330	Financial Management for Small Business _____	Credits: 3
MGMT 300	Management Principles _____	Credits: 3
MGMT 332	Interpersonal Skills in Organizations _____	Credits: 3
MGMT 350	Human Resources _____	Credits: 3
MKTG 301	Principles of Marketing _____	Credits: 3

Group B (Choose two courses): (6 Credits)

COMM 303	Professional Presentations _____	Credits: 3
COMM 460	Transmedia Storytelling _____	Credits: 3
EXSC 460	Corporate Wellness and Health Promotion _____	Credits: 3
PE 360	Introduction to Recreation, Parks, and Community Education _____	Credits: 3

SWRK 250	Social Services in Health Care _____	Credits: 3
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Total Credits: **21****Minor: Public Relations(18 Credits)****Public Relations Core: (12 Credits)**

COMM 210	Introduction to Public Relations _____	Credits: 3
COMM 260	Media Writing _____	Credits: 3
COMM 310	Persuasion _____	Credits: 3

Choose one of the following:

COMM 301	Risk and Crisis Communication _____	Credits: 3
COMM 455	PR Cases & Campaigns _____	Credits: 3

Public Relations Electives: (9 Credits)

ART 240	Concepts of Graphic Design _____	Credits: 3
COMM 320	Graphics for Television, Film and New Media _____	Credits: 3

COMM 340	Documentary Production _____	Credits: 3
ENG 204	Introduction to Journalism _____	Credits: 3
ENG 331	Business Communications _____	Credits: 3
ENG 360	Scientific & Technical Writing _____	Credits: 3
ENG 410	Advanced Journalism _____	Credits: 3
ENG 420	Copy Editing _____	Credits: 3
ENG 460	Writing and New Media _____	Credits: 4
MKTG 301	Principles of Marketing _____	Credits: 3
MKTG 331	Professional Selling _____	Credits: 3
MKTG 391	Consumer Behavior _____	Credits: 3
MKTG 451	e-Marketing _____	Credits: 3
MKTG 451L	e-Marketing Lab _____	Credits: 1

Total Credits: **18**

Course Descriptions

COMM 110 Essentials of Speaking and Listening **Credits: 3**

This course teaches the use of verbal and nonverbal communication along with an emphasis on research skills in order to organize and deliver four effective oral presentations: impromptu, informative, persuasive, and a group presentation. Additional emphasis is placed on identifying and overcoming listening barriers.

Goal: 01- Communication **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

COMM 111 Radio Production & Performance **Credits: 3**

The study of basic and advanced creative techniques, procedures and practices in the production and performance of contemporary radio.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

COMM 112 Multicamera Television Production **Credits: 3**

An introduction to basic television studio techniques. Students will develop skills in operating control room and studio equipment, producing, and directing.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

COMM 114 Essentials of Single Camera Field Production **Credits: 3**

The application of portable camera usage and editing techniques used in single camera field production. Students will develop skills in preproduction planning, scripting, remote shooting, directing, and editing.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMM 161 Communication Studies Activities: Forensics **Credits: 0 - 2**

Participation in intramural and intercollegiate speech and debate activities. May be repeated.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

COMM 162 Broadcasting & Digital Media Activities **Credits: 1**

Practical experience in media program production and performance through functional involvement in the operation of the campus radio, television, and media production facility. May be repeated.

Pre-Requisites: ((COMM_112 AND COMM_114)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

COMM 162 Communication Activities: Broadcasting & Digital Media **Credits: 1**

Practical experience in radio and television program production and performance through functional involvement in the operation of the campus radio and television stations. May be repeated.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

COMM 200 Small Group Communication **Credits: 3**

The theory and application of problem-solving questions of fact, value and policy utilizing group dynamics and effective leadership styles. Active and critical listening are integral components of the course.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

COMM 210 Introduction to Public Relations **Credits: 3**

A course designed to acquaint students with the principles and practices of public relations.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

COMM 215 Oral Interpretation **Credits: 3**

The theory and application of the selection, analysis, and presentation of literature. Students will perform the three genres of literature utilizing various performance styles. Active and critical listening are integral components of the course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

COMM 220 Storytelling in Modern Communication **Credits: 3**

This course will examine and explore classic and emerging forms of storytelling in the modern world. Students will learn the basic theory of storytelling in the areas of public address, interpersonal relationships, digital media, and public relations.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

COMM 228 Exploring Diversity Through Family Storytelling **Credits: 3**

Explores the role of family stories as an art form, as a means of handing down values, knowledge, and self-understanding. Stories will be captured using a variety of media and analyzed as to their significance.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

COMM 230 Interpersonal Communication **Credits: 3**

A course that studies the nature of building effective relationships through development of interpersonal communication. An exploration of why misunderstandings occur and how to build more productive

communication.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

COMM 232 The Art of Making Films

Credits: 3

Examines how the elements of film and video production are used to communicate a message from the creator's viewpoint. Uses illustrative scenes from significant films and episodic television shows to demonstrate how production elements can be used to achieve a desired effect.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

COMM 240 Cross Cultural Communication

Credits: 3

This course explores communication between people from different cultures by linking cross-cultural theory and the examination of communication in a variety of real-world scenarios. Students will study why communication break-downs occur in cross-cultural contexts and best practices to minimize the communicative errors in order to build more productive cross-cultural relationships.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

COMM 251 Broadcast Newswriting & Reporting

Credits: 3

The study of techniques, procedures, and practices used in news gathering, writing, reporting, and editing broadcast news.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

COMM 260 Media Writing

Credits: 3

A course designed to emphasize how public relations and other media professionals gather, produce, and distribute material in a modern society. This course acquaints students with both why and how to write for a variety of contexts such as new media, social media and public relations.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMM 286 Special Topics in Communications

Credits: 1 - 4

A course designed to meet any special needs of students and faculty. Emphasis on in-depth study of an area not commonly covered in a general course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMM 288 Sophomore Seminar

Credits: 1

A seminar course required for all speech communication majors, in which selected topics, projects, and presentations are considered through reading, research, and discussion. Exploration of career fields in communication and employment opportunities will also be covered.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMM 301 Risk and Crisis Communication

Credits: 3

This course is designed to teach students about the burgeoning field of risk and crisis communication which deals with the task of communicating various publics about health and environmental risks associated with

personal and societal choices, as well as communication during and following crisis situations such as bomb threats, natural disasters, and chemical spills.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

COMM 303 Professional Presentations

Credits: 3

This course prepares students to develop, deliver, and analyze presentations in a variety of community and professional contexts.

Pre-Requisites: ((COMM_110 OR SPCH_110)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

COMM 305 Principles of Health Communication

Credits: 3

This course is designed to familiarize students with prominent theories, issues, and topics in the field of health communication. This course will expose students to diverse health communication perspectives as they relate to a range of health communication topics, including illness and health, historical and contemporary issues, patient and provider experiences, cultural differences in health, public awareness/prevention/intervention campaigns, and the role of media and relationships in health communication.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

COMM 310 Persuasion

Credits: 3

The logical and psychological theories of persuasion present in everyday communication. The course emphasizes the analysis and application of persuasive strategies. Active and critical listening are integral components of the course.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMM 315 Media Interpretation

Credits: 3

The analysis and interpretation of media material. Emphasis is placed on vocal styles, presence and delivery as well as the requirements of contemporary media presentation.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

COMM 320 Graphics for Television, Film and New Media

Credits: 3

Introduces students to software and conventions applicable to television, film, and new media. Students will explore designs for titles, lower-third supers, backgrounds, info graphics, motion graphics and animation.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMM 330 Mass Media and Society

Credits: 3

An historical and theoretical survey of the nature, functions and responsibilities of the mass media in all its forms. Emphasis on the evolution of the electronic media in the United States and its impact on the media literacy of society.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMM 340 Documentary Production**Credits: 3**

This course introduces students to nonfiction video production. Students will be exposed to a combination of theory, history, and production techniques to prepare them to produce a short documentary.

Pre-Requisites: ((COMM_114)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

COMM 345 Sports Broadcasting & Media Production**Credits: 3**

Students will examine how sports are produced and reported in broadcast and in multimedia environments. Course will engage students in live sports coverage.

Pre-Requisites: ((COMM_112 AND COMM_114)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

COMM 350 Narrative Filmmaking**Credits: 3**

Explores the technical skills and the aesthetic techniques necessary for producing narrative, fiction-based films. Projects will be filmed with high definition cameras and edited on nonlinear computer systems.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMM 356 Argumentation and Debate**Credits: 3**

The principles and practices of debate including the preparation and presentation of debate cases as formal argument. Active and critical listening are integral components of the course.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

COMM 360 Organizational Communication**Credits: 3**

A study of the process of communication and behavior within the organizational culture. Students will learn the theoretical and practical means of maintaining productive organizational environments. Active and critical listening are integral components of the course.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

COMM 362 Broadcasting & Digital Media Activities 2**Credits: 1**

Practical advanced experience in media program production and performance through functional involvement in the operation of the campus radio, television and media production facility.

Pre-Requisites: ((COMM_162)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

COMM 410 Communication Analysis**Credits: 3**

The rhetorical and critical analysis of a communication event through the use of classical and modern rhetorical principles.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

COMM 425 Broadcast Law & Regulation**Credits: 3**

The study of media law, issues, and FCC regulations.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

COMM 435 Media Production for Learning & Training **Credits: 3**

Provides the basics of media production for learning and training. Students will learn how to integrate technologies such as video, still images, animation, graphics, modules, and business communication messages. This course is designed for professionals in the fields of education, in corporate training, and in management.

Pre-Requisites: ((COMM_114)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: Dept Discretion*

COMM 450 Secondary Teaching Methods: Speech Communication **Credits: 3**

Secondary education teaching methods for a modern speech communication program including materials for classroom instruction as well as coaching activities. This course is designed as the required capstone course for 5-12 Communication Arts/Literature Education, Speech Track.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

COMM 455 PR Cases & Campaigns **Credits: 3**

Analytic study of guiding public relations principles illustrated by current and historical public relations cases and campaigns. Emphasis on strategic management, ethics, and two-way organizational communication. Oral and written analysis of illustrative cases and campaigns. Application of principles in planning, implementation, and evaluation of actual PR campaign.

Pre-Requisites: (COMM_210) OR (SPCH_210) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

COMM 460 Transmedia Storytelling **Credits: 3**

Examines the Transmedia Storytelling strategies for telling stories across many media platforms in a way that engages audiences. Students will explore this approach used in marketing, public relations, and social media campaigns. Students will critique iconic transmedia storytelling campaigns and will create a collaborative transmedia project.

Pre-Requisites: ((COMM_114)) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

COMM 480 Creative Project Workshop in Media Production **Credits: 3**

Provides students with a semester long, supervised experience in producing a major media production project.

Pre-Requisites: ((COMM_340) OR (COMM_350)) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

COMM 486 Advanced Special Topics Communication **Credits: 1 - 4**

A course designed to meet any special needs of students and faculty. Emphasis on in-depth study of an area not commonly covered in a general course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMM 488 Senior Seminar

Credits: 2

A capstone course required for all speech majors, in which selected topics, projects, and presentations are considered through reading, research, and discussion.

Pre-Requisites: (COMM_288) OR (SPCH_288) and senior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

COMM 494 Independent Study in Communication Theory

Credits: 1 - 3

In depth, independent exploration of a communication event for better understanding of the communication process.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

COMM 499 Internship in Communication Studies

Credits: 1 - 12

An off-campus training program when accepted by a business or organization to work with an employer in some area of communication studies.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

Computer Science

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Dan Kaiser, Shushuang Man, Kourosh Mortezaipoor

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Computer Science](#)

[Download MAP](#)

The Computer Science Program is designed to meet the needs of students desiring careers in business, industry, and government as well as preparation for advanced studies at the graduate level. Students majoring in Computer Science may apply their technical strengths to second majors in many programs such as accounting, business administration, mathematics, science, and education. The faculty of the Computer Science Program have been selected to provide quality instruction in all branches of Computer Science.

All major and minor programs *must have the approval of the student's advisor and the department faculty*. All courses counting towards the major or minor must be completed with a grade of "C–" or better.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Computer Science(58 Credits)

I. Required Computer Science Courses: (35 Credits)

COMP 164	Essentials of Computer Science	Credits: 3
COMP 164L	Essentials of Computer Science Lab	Credits: 1
COMP 165	Fundamentals of Programming	Credits: 3
COMP 165L	Fundamentals of Programming Lab	Credits: 1
COMP 166	Data Structures	Credits: 3
COMP 166L	Data Structures Lab	Credits: 1
COMP 233	Computer Organization and Architecture	Credits: 3
COMP 306	Object-Oriented Design & Programming	Credits: 3
COMP 324	Design and Analysis of Algorithms	Credits: 3
COMP 368	Information & Knowledge Management	Credits: 3
COMP 376	Advanced UNIX Programming	Credits: 3
COMP 377	Operating Systems	Credits: 3
COMP 425	Software Engineering	Credits: 3
COMP 492	Capstone Project	Credits: 1
COMP 493	Capstone Project	Credits: 1

II. Computer Science Electives: (6 Credits)

COMP 3XX	COMP Courses at the 300 level or above	Credits: 6
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III. Required Mathematics Courses: (14 Credits)

MATH 150	Calculus I	Credits: 5
MATH 200	Intro to Statistics	Credits: 3
MATH 320	Foundations of Mathematics	Credits: 3
MATH 325	Combinatorics	Credits: 3

IV. Additional Courses: (3 Credits)

ENG 360	Scientific & Technical Writing	Credits: 3
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Total Credits: **58**

Minor: Computer Science(21 Credits)

I. Required Courses: (13 Credits)

COMP 164 Essentials of Computer Science _____	Credits: <u>3</u>
COMP 164L Essentials of Computer Science Lab _____	Credits: <u>1</u>
COMP 165 Fundamentals of Programming _____	Credits: <u>3</u>
COMP 165L Fundamentals of Programming Lab _____	Credits: <u>1</u>
COMP 166 Data Structures _____	Credits: <u>3</u>
COMP 166L Data Structures Lab _____	Credits: <u>1</u>

II. Computer Science Electives: (9 Credits)

COMP 2XX Computer Science Electives _____	Credits: <u>9</u>
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Total Credits: 21

Course Descriptions**COMP 105 Introduction to Computers Credits: 3**

An overview of mainframe and personal computers. Topics include: application software, the Internet, hardware components and peripheral devices, and data processing.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 111 Digital World Credits: 3

A survey of current digital technology intended for students not majoring or minoring in Computer Science. Students will gain a better understanding of the digital systems they use every day and learn how to work more efficiently and effectively with computers and computer-based devices.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

COMP 120 Computer Seminar Credits: 1

This course is designed for a student considering a career in a computing field but is accessible to any student wanting to learn more about computing technology. The course will consist of a series of presentations by the Computer Science faculty and the students in the class on current topics of interest in the computing field. Student will research and present a topic of their choice.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

COMP 164 Essentials of Computer Science Credits: 3

This course is designed for a student considering a career in a computing field but is accessible to any student wanting to learn more about computer technology. The skills developed in this course will be utilized throughout the computer science curriculum. Topics will include the binary number system, data representation, digital logic, algorithmic problem solving, and programming in both low-level and high-level programming languages. The required preparation is MATH 110 or three years of high school mathematics.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

COMP 164L Essentials of Computer Science Lab Credits: 1

This course is designed for a student considering a career in a computing field but is accessible to any student wanting to learn more about computing technology. The skills developed in this course will be utilized

throughout the computer science curriculum. Topics will include the binary number system, data representation, digital logic, algorithmic problem solving, and programming in both low-level and high-level programming languages. The required preparation is MATH 110 or three years of high school mathematics.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

COMP 165 Fundamentals of Programming

Credits: 3

An introduction to the techniques of programming. Topics include problem solving methods, program design strategies, selection structures, iteration structures, subprograms, recursion, arrays and lists, sorting and searching, object-oriented design and classes. Students will use a popular high-level programming language to write, compile, debug, and document programs. Hands-on laboratory exercises will be integrated into the course. The required preparation is MATH 110 or three years of high school mathematics.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

COMP 165L Fundamentals of Programming Lab

Credits: 1

A continuation of COMP 164 with emphasis on the techniques of programming. Topics include problem solving methods, program design strategies, selection structures, iteration structures, subprograms, recursion, arrays and list, sorting and searching, object-oriented design and classes. Students will use a popular high-level programming language to write, compile, debug, and document programs. Hands-on laboratory exercises will be integrated into the course.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

COMP 166 Data Structures

Credits: 3

Continuation of COMP 165. Topics include: recursion, lists, dictionaries, sorting and searching, stacks, queues, binary trees, and graphs. Hands-on laboratory exercises will be integrated into the course. Students must enroll in both COMP 166 and COMP 166L.

Pre-Requisites: ((COMP_165)) **Course Frequency:** *Fall: All Years Spring: Dept Discretion Summer: N/A*

COMP 166L Data Structures Lab

Credits: 1

Continuation of COMP 165. Topics include: recursion, lists, dictionaries, sorting and searching, stacks, queues, binary trees, and graphs. Hands-on laboratory exercises will be integrated into the course. Students must enroll in both COMP 166 and COMP 166L.

Course Frequency: *Fall: All Years Spring: Dept Discretion Summer: N/A*

COMP 199 Field Experience in Computer Applications

Credits: 1 - 3

On-the-job, supervised experience and study dealing with the applications of computers.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 201 Windows Programming

Credits: 3

An introduction to programming using Microsoft Visual BASIC in the Windows environment. Students will learn how to write programs that use a visual interface to interact with the user. Topics include: objects

(windows, menus, etc.), events, functions, subprograms, repetition, arrays, files, embedding and linking with other software applications and graphical display.

Pre-Requisites: (COMP_165) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

COMP 202 Android Programming for Beginners **Credits: 3**

Hands on training on Android programming intended for students NOT majoring in Computer Science. Topics include Android IDE installation and configuration, application structures and resources, XML basics, UI design, Java basics, Intent and event handling, Android design patterns, animation, and video streaming.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 233 Computer Organization and Architecture **Credits: 3**

An overview of basic computer organization and architecture. Topics include: data presentation, digital logic, combinational and sequential circuit design and analysis, memory system organization, instruction and data path architecture, instruction set architecture and assembly language.

Pre-Requisites: (COMP_165) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

COMP 286 Topics in Computer Science **Credits: 1 - 4**

A study of computer science topics not ordinarily covered in established courses.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 292 Honors Credit in Computer Science **Credits: 1 - 4**

An independent study course designed primarily for Honors Program students. The course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other Computer Science course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 306 Object-Oriented Design & Programming **Credits: 3**

An introduction to program design using object-oriented methods. Topics include: abstraction, composition, inheritance, polymorphism, UML design, threads and sockets, graphic elements, user interface design, web-programming and event handling.

Pre-Requisites: ((COMP_166)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

COMP 307 C# Programming **Credits: 3**

An introduction to C# programming using Microsoft .Net platform. Topics include: inheritance and polymorphism, delegates and events, streams, LINQ, XML, ADO.net and relational database, ASP.net and

WPF application, threads and synchronization.

Pre-Requisites: (COMP_166) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 324 Design and Analysis of Algorithms **Credits: 3**

A study of algorithms. Topics include: analysis and verification techniques, divide and conquer, dynamic programming, greedy, backtracking, and problem complexity.

Pre-Requisites: ((COMP_166 AND MATH_315) OR (COMP_166 AND MATH_325)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

COMP 328 Theory of Computation **Credits: 3**

An introduction to areas of theoretical computer science. Topics include: finite state machines, regular languages, push down automata, context free languages, Turing machines and recursive languages.

Pre-Requisites: ((MATH_210) OR (MATH_320)) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

COMP 343 Computer Networking **Credits: 3**

An introduction to the principles of computer networking. Topics include: OSI and TCP/IP reference models, data link, network, transport, and application layers, and recent applications of network technology.

Pre-Requisites: ((COMP_166 AND COMP_233)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 351 Programming Languages **Credits: 3**

An introduction to the organization of programming languages and the run-time behavior of programs. Topics include: syntax and semantics, procedural block-structured languages, functional languages, object-oriented languages, logical languages, case studies of languages such as Pascal, Ada, FORTRAN, COBOL, Java, LISP, and Prolog.

Pre-Requisites: ((COMP_166 AND COMP_233)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 368 Information & Knowledge Management **Credits: 3**

An introduction to the storage and organization of information. Topics include: database management, data mining, intelligent systems, networked databases, and human-computer interaction.

Pre-Requisites: ((COMP_165)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

COMP 376 Advanced UNIX Programming **Credits: 3**

An in depth look at programming on the UNIX/Linux platform. Topics include C/C++ programming, shell scripts, file management, memory management, process and thread management, server management, security,

and networking.

Pre-Requisites: ((COMP_165 AND COMP_233)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

COMP 377 Operating Systems

Credits: 3

An introduction to the major concepts in an operating system, data communication, and modern computer networks. Topics include: processes, concurrency, CPU scheduling, deadlocks and memory management, TCP/IP, ATM, OSI Model, frame relay, Ethernet, congestion control, link-level flow and error control.

Pre-Requisites: (COMP_376) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

COMP 385 Computer Graphics

Credits: 3

An introduction to the major algorithms and techniques for computer graphics. Topics include: windowing, clipping, 3-D techniques, parametric curves and surfaces, hidden lines and surfaces, shading methods, ray casting and tracing.

Pre-Requisites: (MATH_151 AND COMP_166) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 390 Professional Issues Seminar

Credits: 1

Students will read, present, and discuss material pertaining to the social and professional issues of Computer Science and technology in general. Topics may include: social context of computing, professional and ethical responsibilities, risks and liabilities of computer-based systems, security issues and intellectual property. Students will also explore possible career opportunities.

Pre-Requisites: ((COMP_233)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

COMP 402 Android App Development

Credits: 3

A study of Android mobile application development. Topics include Android platform and development tools, application fundamentals, activity, intent, fragment, permission, services, thread & messages, graphics, multi-touch & gesture, networking

Pre-Requisites: ((COMP_306)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

COMP 403 iOS Programming

Credits: 3

This course is designed to introduce the methods, techniques, and utilities for developing apps for iOS (Apple mobile devices).

Pre-Requisites: ((COMP_166)) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

COMP 405 Simulation

Credits: 3

Generation of random numbers, queuing theory, discrete and continuous system simulation, design of

simulation experiments.

Pre-Requisites: (MATH_200 AND MATH_210 AND COMP_161) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 408 Web Programming

Credits: 3

A study of web programming, an in depth look at technologies that are fundamental to develop web-centric applications. Topics include HTML, Cascading Style Sheets (CSS), JavaScript, web servers, Document Object Model (DOM), JSON, XML, AJAX, PHP, and MySQL.

Pre-Requisites: ((COMP_368)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

COMP 425 Software Engineering

Credits: 3

An introduction to the techniques of Software Engineering. Topics include: software processes, requirements elicitation and specification, analysis, design, development and implementation, validation, testing, and project management.

Pre-Requisites: (COMP_306) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

COMP 435 Artificial Intelligence

Credits: 3

An introduction to the basic concepts and technologies of artificial intelligence. Applications of these concepts and technologies are then discussed. Topics include: knowledge representation, search strategies, neural networks, and machine learning.

Pre-Requisites: ((MATH_320 AND COMP_166)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 455 Compiler Construction

Credits: 3

An introduction to compiler construction. Topics include: compiler organization including compile-time and run-time symbol tables, lexical analysis, syntax analysis, object code generation, error diagnostics, object code optimization techniques, and overall design.

Pre-Requisites: ((COMP_324 AND COMP_328)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 468 System Analysis and Design

Credits: 4

An introduction to the basic concepts and data models in modern hybrid information systems. Topics include: Methods of system analysis, data modeling, process modeling, object-oriented modeling, system design

principles, object-oriented design, input/output design and prototyping. Students will complete a project in system design.

Pre-Requisites: (COMP_306) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 486 Advanced Topics Computer Science **Credits: 1 - 4**

A study of computer science topics not ordinarily covered in the established courses. Prerequisite: consent of Computer Science Program faculty.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 490 Senior Seminar **Credits: 1**

This course is for senior computer science majors. Students will study recently published research articles or learn recently developed computer technology under instructor supervision. Every student who participates in this course is required to give presentations.

Pre-Requisites: Requires minimum credits: 90 **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

COMP 492 Capstone Project **Credits: 1**

Students will work in teams to design, develop, and implement a significant software or hardware project. Two semester sequence.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

COMP 493 Capstone Project **Credits: 1**

Students will work in teams to design, develop, and implement a significant software or hardware project. Two semester sequence.

Pre-Requisites: (COMP_425) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

COMP 494 Independent Study **Credits: 1 - 3**

An independent study of a computer science topic not covered elsewhere.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

COMP 499 Internship in Computer Science **Credits: 1 - 16**

On-the-job supervised experience and study dealing with applications of computer science.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

Criminal Justice

Department Office: SS 103
Phone Number: 537-6224
Staff & Faculty:

The Criminal Justice curriculum builds on a Sociology foundation to give students a broad understanding of social deviance and contemporary criminal justice. Through multidisciplinary studies, students learn about the origins, development, and current conditions of criminal justice systems in the U.S. and in other cultures. This knowledge increases students' understanding of ways society identifies and reacts to deviant behavior in all forms. The Criminal Justice curriculum complements the Sociology curriculum, and a limited amount of coursework may be applied to satisfying requirements for the Sociology major.

Minor: Criminal Justice(18 Credits)

I. Required Courses: (18 Credits)

JUAD 144 Introduction to Justice & Society _____ Credits: 3

Choose 15 credits from the following:

JUAD 238	Restorative Justice Circle Process _____	Credits: 1
JUAD 240	Law Enforcement & Community Policing _____	Credits: 3
JUAD 242	Correction Systems _____	Credits: 3
JUAD 246	Introduction to Security _____	Credits: 3
JUAD 286	Special Topics _____	Credits: 1 - 4
JUAD 300	Women and Justice _____	Credits: 3
JUAD 304	Victimology _____	Credits: 3
JUAD 338	Youth & Crime _____	Credits: 3
JUAD 370	Criminology _____	Credits: 3
JUAD 380	Corporate & White Collar Crime _____	Credits: 3
JUAD 385	Crime: Race, Poverty & Social Policy _____	Credits: 3
JUAD 399	Criminal Procedure _____	Credits: 3
JUAD 441	Organized Crime _____	Credits: 3
JUAD 442	Court, Police, and Corrections Management _____	Credits: 3
JUAD 450	Advanced Criminal Law _____	Credits: 3
JUAD 460	Rehabilitation & Prevention _____	Credits: 3
JUAD 486	Special Topics _____	Credits: 1 - 4
JUAD 494	Independent Study _____	Credits: 1 - 3
JUAD 498	Senior Seminar in Justice Administration _____	Credits: 3
JUAD 499	Field Experience/Internship _____	Credits: 3 - 12

Total Credits: **18**

Course Descriptions

SOCI 101 Introduction to Sociology

Credits: 3

A survey of basic concepts and research areas in sociology, including sociology origins, major theoretical perspectives, research methods, culture, social structure, socialization, group processes, formal organizations, deviance and social control, stratification, racial/ethnic and gender inequality, social institutions, demography, collective behavior, and social change.

Goal: 05- Hist/Soc/Behav Sci **Course Frequency:** Fall: All Years Spring: All Years Summer: N/A

SOCI 135 Rural Society

Credits: 3

Within the discipline of sociology, the study of rural society gives students the opportunity to understand and appreciate the richness and variety of rural heritage and contemporary rural life. Through understanding of

concepts and developing applied research skills, students approach the phenomena of non-urban societies both in the U.S. and around the globe. The course includes consideration of regional, national, and international linkages which affect the rural United States. Focusing on such formative influences as family, religion, education, government, and economy, students learn about past and present rural problems and opportunities in areas close to the SMSU campus; then students consider similar and different realities in several other regions of the United States.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 200 Social Statistics

Credits: 4

This course surveys basic statistical techniques used in the social sciences, including frequency distributions and graphs, the normal curve, tests of significance, correlation, analysis of variance, and multiple regression. The course also covers applications of descriptive and inferential techniques to social data and interpretations of social research outcomes.

Pre-Requisites: (MATH_110) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SOCI 203 Sociology Seminar

Credits: 3

This course is designed to introduce students to the discipline of sociology and the various career options for sociology majors. This course will also provide students with practical information about the sociology program, including information about the program's curriculum and requirements of the major. Students who successfully complete this course will also understand the skills, knowledge, and experiences they need to gain entry into the job market and/or a graduate program.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 211 Marriage and the Family

Credits: 3

The origin of marriage and family in historical and comparative perspective; family diversity in contemporary society; application of theoretical perspectives to family processes; gender roles, courtship, mate selection, married relationships, parenthood, marriage termination, alternatives to marriage, and the future family.

Goal: 07- Human Diversity **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SOCI 212 Human Relations

Credits: 3

Covers concepts and ideas which enable students to recognize and identify oppression, discrimination, and racism, along with learning techniques for building community in a pluralistic society with its great variety of cultures, value systems, and life styles. Includes study of the cultural content, world view, and concepts that comprise Minnesota-based American Indian tribal government, history, language, and culture.

Goal: 07- Human Diversity **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SOCI 220 Social Problems

Credits: 3

This course critically analyzes contemporary social problems from historical, structural, and theoretical perspectives. Problems analyzed vary, but all analyses are premised on the sociological understanding that

humans are products of their social environments. Theory and research are used to demonstrate that social problems are interrelated and that society creates and perpetuates problems.

Goal: 05- Hist/Soc/Behav Sci 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SOCI 244 Soci of Deviant Behavior

Credits: 3

Consideration of various approaches to the study of deviant behavior; contemporary theories and methods of study; discussion of the ethical issues raised by the study of deviant behavior; the social processes whereby persons and patterns of behavior come to be identified as deviant. Topics of deviance analyzed vary, but theory and research are applied to all areas.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 270 Gender Issues

Credits: 3

This course introduces theories, research, and current issues related to the gender roles in society. Course content includes various theoretical approaches to the sociological study of gender, historical and cross-cultural comparisons, research findings, policy issues, structural influences, and current change trends.

Goal: 07- Human Diversity 08- Global Perspective **Course Frequency:** *Fall: N/A Spring: All Years Summer: All Years*

SOCI 286 Special Topics

Credits: 1 - 4

This course is designed to provide lower-division students with an opportunity to experience a special or experimental curriculum course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 313 Self and Society

Credits: 3

A sociological introduction to social psychology, including a symbolic interactionist understanding of the individual in society, the impact of social conditions and culture on personal development, freedom and control in human behavior, and the human ability to respond to and cause social change.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 314 Sociological Theory

Credits: 3

Early modern social thought and the development of sociological theory in the 19th and 20th centuries to the present. Prerequisites: SOCI 101 and one other Sociology course.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SOCI 315 Applied Social Research

Credits: 3

This introduction to social research applies social research methods to sociology, criminal justice, and social work. Includes analysis of published research along with quantitative and qualitative research methods in

investigating social issues, program evaluation, practice evaluation, policy analysis, and needs assessment.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SOCI 318 Forces for Social Change

Credits: 3

Changing technology, collective behavior, reform and revolution causes and consequences of social change, creative and destructive consequences of changing social patterns the relevance of history to social process.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 324 Sociology of Sexualities

Credits: 3

This course will provide a sociological perspective on sexual identities, behaviors, and the negative societal response of homophobia. Course content focuses on the social construction of sexual identity, and the complex personal, social and political issues of sexuality. Topics on sexuality may vary, but theory and research is applied to all areas.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 331 Racial & Ethnic Relations in America

Credits: 3

Causes and consequences of prejudice, discrimination, and segregation; relationships of ethnic, racial, and religious minorities to dominant categories in the United States; remedial programs to reduce racial, ethnic, and religious tensions.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SOCI 354 Holocaust, Genocide & Human Rights

Credits: 3

A survey of sociological, psychological, historical, and other dimensions of the Holocaust and other cases of genocide and genocidal killing during the 20th century. The human rights movement as an attempt to prevent and resist genocide will be examined.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 360 Sociology of Work

Credits: 3

This course familiarizes students with sociological concepts and research related to work. Issues include such topics as alienation, job satisfaction, control over the workplace, changing work conditions, employment and wage inequalities, and conflict between work and family.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 370 Criminology

Credits: 3

Explanation and critical analysis of crime and criminal behavior. This course examines measuring crime, violent crime, crimes against property, criminal careers, terrorism, and criminological and other theories of

crime. Special attention is given to what works, what doesn't, significant research, meaningful theoretical insights, restorative justice, prevention, and promising programs.

Pre-Requisites: ((SOCI_101) OR (SOCI_220)) and (Requires minimum credits: 45) **Course**

Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 410 The Culture of Consumption

Credits: 3

Consumerism has increasingly come to dominate American society. Shopping, buying, having, showing, and wearing are central aspects of who we are, who we dream of being, how we interact with each other, and how we affect the larger environment. This course will use an interdisciplinary approach to study contemporary consumer society. We will also be exploring our personal choices, as we are very much a part of this consumer society.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 415 Formal Organizations, Bureaucracies, Corporations

Credits: 3

Analysis of major types of formal organizations in contemporary complex societies. Theory and research results applicable to the understanding of factories, schools, prisons, hospitals, churches, voluntary associations, etc.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SOCI 420 Family & Intimate Partner Violence

Credits: 3

This course is an introduction to the sociological study of family and intimate partner violence (IPV). In this course, students will examine the social factors contributing to family and intimate partner violence, as well as the theoretical approaches and typologies used to understand these issues. In addition to current research looking at the risk markers of abuse, this course will also examine the consequences of and responses to family and intimate partner violence.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 435 Rural Development

Credits: 3

A critical analysis of research goals and methods currently applied to rural development; review and analysis of the future of small rural communities, the benefits and costs of rural industrialization and its full social consequences. A major content requirement is a research paper. Prerequisite: one sociology (SOCI), history (HIST), or rural studies (RURL) course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 440 Human Communities

Credits: 3

Sociological analysis of community structure, community development, and change. Focus on grass roots movements and community organizing. Critiques of community planning will be reviewed. Consideration of applicability of community development in less developed countries to North America.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SOCI 445 Social Stratification

Credits: 3

Class stratification in pre-industrial, industrial, and post industrial societies, institutionalized inequality, sources of strain and conflict, automation and the prospects for industrial man.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 450 Individual Readings

Credits: 1 - 3

To provide individual students with an opportunity to explore areas of special interest for academic credit.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SOCI 486 Special Topics

Credits: 1 - 4

This course is designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 495 Senior Capstone in Sociology

Credits: 3

This course is designed to provide students with a senior capstone and offer career direction. A thesis option allows students to integrate previous sociological study by designing, completing, and presenting a research project. The non-thesis option allows students to work under a carefully planned and approved program.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SOCI 499 Field Experience/Internship

Credits: 3 - 12

Research or internship in an organization or community, defined in individual learning agreements and consisting of combining sociological concepts and theory with one or more of the following: qualitative research, quantitative research, applied sociology. Prerequisites: Sociology major or minor, Justice Administration major, Anthropology minor, or Criminal Justice minor.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SOCI 510 Social Issues-Mod Soc Th

Credits: 3

Course reviews the major debates in social theory, social research, and the place of contemporary social issues in those debates. Emphasis will be on the conflict-order debate in social theory, and the interpretive-positivistic debate in research. Issues of race, gender, economic and political change, conservative tendencies and social change strategies will be interpreted in relation to the theory and research debates.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 520 GS:Is in Sociology

Credits: 1 - 3

Each student enrolling in this course will present a formal proposal for in-depth study of an area of Sociology relevant to his or her teaching assignment. The plan for accomplishing the study will be part of the proposal. Upon completion of the study, it will be submitted for publication or for presentation at a sociology conference.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI XXX Sociology Electives

Any Sociology courses.

Credits: 9

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI XXX Sociology Electives for 15 credits

15 credits of Sociology courses selected in consultation with an advisor in Sociology.

Credits: 15

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Culinology

Department Office: CH 129
Phone Number: 507-537-6462
Staff & Faculty: Joyce Hwang, Yumi Lim, Zhenlei Xiao

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Culinology](#)

[Download MAP](#)

SMSU's Bachelor of Science in Culinology® is the only degree of its kind in the world. Culinology® is the blending of the culinary arts and the science of food. It is defined as "the collaboration between culinary expertise and food science and how this collaboration affects the food we prepare and serve for consumption." SMSU's Culinology® program is fully accredited by the Research Chefs Association.

Our Mission

Our task is to support our students in their pursuit of the **gold standard** in Culinology® education. Culinology® will be a universally recognized discipline, and its practitioners will shape the food industry. SMSU's mission is to define the future of food through Culinology® and the development of its practitioners. We will train students in developing unique and highly sought after skills, capable of creating new food products from a culinary perspective within a scientific setting. Graduates of SMSU's Culinology® program will be trained first as a chef, a culinarian, a food focused individual, dedicated to producing the finest possible combination of ingredients to achieve palate-pleasing results. SMSU's Culinology® graduates will also be a researcher who uses scientific methods and knowledge to insure their creativity can be enjoyed far beyond the confines of their kitchen or laboratory.

A wide variety of job opportunities are available to SMSU graduates. Graduates may go to work with major food manufacturers, custom manufacturing facilities, restaurant chains, etc., in positions such as: Research and Development Chef, TecnoChef™, Product Development Manager, Corporate Chef, Culinary Research and Development Director, Culinary Research Technologist, Savory Lab Manager, Product Formulation Chef, and Manager of Culinology.

A grade point average of 2.50 in all major course work taken at SMSU including courses transferred from other institutions.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Culinology®(63 Credits)

I. Math and Science Courses: (13 Credits)

BIOL 303	Microbiology	Credits: 3
BIOL 377	Principles of Nutrition	Credits: 3
CHEM 122	Introductory Organic/Biochemistry	Credits: 3
CHEM 122L	Introduction to Organic/Biochemistry Lab	Credits: 1
MATH 200	Intro to Statistics	Credits: 3

II. Culinology® Core Courses (38 Credits)

CULG 100	Introduction to Culinology	Credits: 1
CULG 200	Culinary Arts Fundamentals	Credits: 4
CULG 210	Advanced Culinary Arts	Credits: 4
CULG 310	Introduction to Food Science	Credits: 3
CULG 350	Aromatics and Flavors	Credits: 3
CULG 360	Food Sensory Analysis	Credits: 3
CULG 390	Food Products Development I	Credits: 3
CULG 400	Culinary Trends and Innovations	Credits: 2
CULG 410	Food Chemistry and Analysis	Credits: 3
CULG 430	Unit Operations in Food Processing	Credits: 3
CULG 450	Technical & Functional Ingredients in Food	Credits: 3
CULG 470	Food Safety and HACCP	Credits: 2
CULG 490	Food Product Development II	Credits: 3
CULG 498	Internship	Credits: 1 - 9
CULG 499	Internship	Credits: 1 - 9

III. Hospitality Courses: (9 Credits)

HOSP 120	Food Sanitation and Safety	Credits: 1
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HOSP 205	Hospitality Purchasing _____	Credits: 3
HOSP 301	Restaurant Food Operations _____	Credits: 2
HOSP 301L	Restaurant Food Operations Lab _____	Credits: 3

IV. Choose one course from the following: (3 Credits)

CULG 250	Introduction to Baking & Pastry _____	Credits: 3
CULG 440	Food Legislation and Regulation _____	Credits: 3
CULG 460	Quality Assurance of Food Products _____	Credits: 3
HOSP 300	Hospitality Analytics _____	Credits: 3
HOSP 325	Hospitality Service Management _____	Credits: 3

Total Credits: **63**

Course Descriptions

CULG 100 Introduction to Culinology

Credits: 1

This is the beginning course in Culinology designed to familiarize the student with the breadth and scope of Culinology as a new discipline, encompassing both culinary arts and food science. Students will gain an overview of the role of the Culinologist, and how the blending of taste and technology enhances the food product development process. The course will include tours, presentations, and guest speakers from the industry.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

CULG 200 Culinary Arts Fundamentals

Credits: 4

This is an in-depth study of the basic core components in the creative study of culinary arts and food production. Students achieve basic competency in theories, science, and applications of working with food. Students are exposed to professional techniques of the culinary artist. Introduction to culinary terminology and ingredients will be presented. Areas of study include: tools, equipment, knife skills, food and plate presentation, food evaluation, basic cooking principles to include moist and dry heat methods, seasonings, flavorings and aromatics, fats, foams, gels, emulsions, dairy products, stocks, thickeners, roux based sauces to include the four mother sauces, hot and cold butter sauces, emulsion sauces, salsas, sambas, vinegrettes, and reductions as well as soups to include cream, clear, and potage soups.

Pre-Requisites: ((HOSP_120)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CULG 210 Advanced Culinary Arts

Credits: 4

Continued in-depth study of intermediate level processes in culinary arts and food production. Students study and apply cooking methods of scratch cookery through small batch assignments. Areas of study include rice and grains, potato products, beans and soy products, fruits, vegetables, salads and sandwiches, shellfish, fin fish, poultry identification and fabrication, poultry cookery, meat identification and fabrication, beef, veal, pork, lamb and offals.

Pre-Requisites: ((CULG_200)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

CULG 250 Introduction to Baking & Pastry

Credits: 3

A fundamental course in baking methods and principles, to include yeast breads, quick breads, pastries, pies, cakes, custards, creams, and sauces.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

CULG 251 Baking and Pastry II

Credits: 3

Students in this course learn to prepare advanced creams, custards, puddings, and sauces. Students also learn to prepare cakes and icings, properly handle chocolates, and apply a variety of decorating styles and techniques. Special significance is continued on the study of ingredients and weight measures as applied to baking.

Pre-Requisites: (CULG_250) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

CULG 286 Special Topics

Credits: 1 - 4

This course is designed to provide an opportunity for students to experience a special or experimental enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

CULG 294 Independent Study

Credits: 1 - 3

Independent study and research within the Culinology area. Course restricted to Culinology majors with consent of Culinology advisor and selected instructor only.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

CULG 300 International Cuisine

Credits: 3

Students study International Cuisine focusing on indigenous foods, cultural and religious influences and historical events. A technical and scientific approach to flavor profiles is used. The student will build a professional palate through sensory experience of new ingredients and flavor combinations and by utilizing cooking methods practiced by each ethnic group visited.

Pre-Requisites: ((CULG_210)) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

CULG 310 Introduction to Food Science

Credits: 3

Overview of major food components (carbohydrates, proteins, fats, vitamins, and minerals) and the bases for food preservation, including processing, food legislation, food safety, and current food issues are covered. Structure-function relationship of water, protein, lipid, carbohydrates, minerals and natural food products in food systems will be covered also. Students will be able to relate fundamental chemical, physical, and biological principles to the preparation of food upon completion of this course.

Pre-Requisites: (CHEM_122) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

CULG 320 Principles of Meat Identification, Fabrication, & Evaluation

Credits: 2

Students learn the fundamentals of purchasing specifications; receiving, handling, and storing meat; techniques for fabricating cuts for professional kitchens; meat grinding, brining, curing, and smoking; and

basic sausage making. Students will also use subjective and objective standards to evaluate beef, lamb, and pork carcasses and wholesale cuts for both quality and yield of edible portion as they relate to value and consumer acceptance.

Pre-Requisites: ((CULG_210)) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

CULG 350 Aromatics and Flavors

Credits: 3

This course covers the five basic taste sensations: sweet, salt, bitter, sour and umami. Students will study the basic principles of taste and olfaction, flavor formulation, and usage of flavors while formulating commercial food products. Students will learn basic flavor chemistry in relation to extracts, reaction products, distillations, aroma chemical manufacturing and carrier systems. This course includes a hands-on lab application of techniques learned.

Pre-Requisites: ((CULG_210 AND CULG_310)) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

CULG 360 Food Sensory Analysis

Credits: 3

This course includes the fundamentals of sensory perception through food appearance, texture, aroma, flavor and physiology of sensory receptors. Test designs, methods, laboratory, and consumer panels are used in studying sensory qualities of foods and interpretation of data.

Pre-Requisites: ((MATH_200 OR FIN_230 OR PSYC_200)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CULG 390 Food Products Development I

Credits: 3

All aspects of new food product development from concept to store shelves will be covered, including market screening focus groups idea generation prototype development ingredient functionality and interactions statistical designs for product development processing packaging scale-up of operations regulatory issues labeling physical, chemical, microbiological, and sensory evaluations quality control procedures and HACCP plans.

Pre-Requisites: ((CULG_310)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

CULG 400 Culinary Trends and Innovations

Credits: 2

An on-demand, dynamic, and constantly evolving course highlighting current culinary trends and innovations in food product development.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

CULG 410 Food Chemistry and Analysis

Credits: 3

This course covers methods for quantitative, physical, and chemical analyses of foods and food products. Analytical techniques covered will include spectroscopy, chromatography, mass spectrometry,

immunochemistry, and atomic absorption. The analyses will be related to standards and regulations for food processing. Students will also study the principles of physical and chemical methods and instrumentation for measuring protein, fat, moisture, and ash content. Students will also learn to identify and determine fat and oil quality characteristics.

Pre-Requisites: (CULG_310) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CULG 420 The Gold Standard:Maintaining Culinary Integrity & Authenticity Credits: 3

Achieving the optimum flavor of a final product begins with culinary principles that take chefs years to master, yet gaining a fundamental understanding of them can improve your product development style. Maintaining the culinary integrity all the way from gold standard creation through bench top sample development and full-scale production is the test of ones real product development skills. The final aroma is conjured from the proper execution of cooking techniques and selection of flavor components that have synergy. Textural qualities of food are attained when each step of the cooking process is controlled. The final appearance is not merely a result of the method of preparation but rather a pre-determined goal that dictates what culinary path you take as you design the method of preparation. As consumers demand higher quality foods in restaurants and retail channels, companies are being called to the table to serve the highest quality food possible.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

CULG 430 Unit Operations in Food Processing Credits: 3

The study of some basic ingredients used in food processing, principles of preserving and processing of foods, and food packaging. The course identifies the specific applications of engineering principles to unit operations in food production, including equipment design and effects of processing on food quality, both chemical and microbiological.

Pre-Requisites: (CULG_310) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

CULG 440 Food Legislation and Regulation Credits: 3

This course covers food laws, regulation, labeling, additives, and residues. Current trends in market forms, packaging, and utilization of various foods will also be covered.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

CULG 450 Technical & Functional Ingredients in Food Credits: 3

This course covers the primary constituents that affect the sensory, nutritional, and structural properties of food, including colorants, flavor compounds, vitamins, probiotics, and additives. Students will also study the effects of food processing and preparation using these functional and technical ingredients.

Pre-Requisites: ((CULG_310)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

CULG 460 Quality Assurance of Food Products Credits: 3

A comprehensive course covering all aspects of quality assurance practices in the food industry. Emphasis is placed on interrelations of food chemistry, microbiology, sanitation, processing, and laws and regulations.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

CULG 470 Food Safety and HACCP

Credits: 2

This course addresses current federal regulatory requirements for safe food processing operations. The course is designed to provide the student with the background necessary to develop, implement, and maintain a sanitation plan. Students also learn about HACCP, a system comprised of seven principles that are to be applied to a written food safety program focusing on the food in their operations. This course aims to teach students the importance and use of all seven principles in order to make them a safer, more effective employee.

Pre-Requisites: (CULG_310) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

CULG 480 Food Quality and Safety

Credits: 3

This course is designed to provide students with comprehensive knowledge of food quality control and safety assurance. It covers all the aspects of quality assurance and safety practice in the food industry, such as and specifications of quality assurance (QA), sensorial and instrumental evaluation techniques, current federal regulatory requirements and food safety practice. Students also learn how to develop, implement, and maintain a sanitation plan, which is Hazard Analysis and Critical Control Points (HACCP). This course includes a hands-on lab component.

Pre-Requisites: ((CULG_310)) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

CULG 486 Special Topics

Credits: 1 - 4

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

CULG 490 Food Product Development II

Credits: 3

Students have the lead in the development of products for commercial or retail food manufacturers and foodservice operations from conception, market analysis, and sensory evaluation to production and packaging. This is an interactive course that introduces students to the principles of new product development, from identification and testing of new product concepts, through prototype testing, to basic process design using examples from industry. A hands-on, real-world course.

Pre-Requisites: ((CULG_390)) and senior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

CULG 494 Independent Study

Credits: 1 - 3

Independent study and research within the Culinology area. Course restricted to Culinology majors with consent of Culinology advisor and selected instructor only.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

CULG 498 Internship

Credits: 1 - 9

100 hours per credit hour practical work experience in approved supervised and structured environment.

Internships must comprise of a culinary experience as well as a research and development experience. The culinary component may include experiential learning in a quantity food production kitchen or a fine dining restaurant. The research and development component must include experiential learning in R&D facility of test kitchen.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

CULG 499 Internship

Credits: 1 - 9

100 hours per credit hour practical work experience in approved supervised and structured environment. Internships must comprise of a culinary experience as well as a research and development experience. The culinary component may include experiential learning in a quantity food production kitchen or a fine dining restaurant. The research and development component must include experiential learning in R&D facility of test kitchen.

Pre-Requisites: ((CULG_498)) and junior status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

Education

Department Office:	IL 229
Phone Number:	507-537-7115
Staff & Faculty:	Frankie Albitz, Michelle Beach, Paul Blanchard, Rhonda Bonnsetter, Terry Culhane, Jamie Dunn, John Engstrom, JoAnne Hinckley, Sharon Kabes, Dennis Lamb, Tanya McCoss-Yerigan, Jesse Nelson, Lon Richardson, Mary Risacher, Cory Sauter, Wendy Schoolmeester, Paulette Stefanick, Marilyn Strate, LeAnne Syring, Debbie VanOverbeke, Sonya Vierstraete

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Early Childhood Education](#)

[Download MAP](#)

[Bachelor of Science: Educational Studies \(Non-Licensure\)](#)

[Download MAP](#)

[Bachelor of Science: Elementary Education](#)

[Download MAP](#)

[Bachelor of Science: Teaching English as a Second Language \(TESL\) K-12](#)

[Download MAP](#)

SMSU Education Department Mission and Vision

Mission: The mission of the Professional Education program at SMSU is to create communities of practice where each learner is an active participant in the development of learning, teaching, and leadership processes. Teachers and learners will engage in educational theory, research, inquiry, critical reflection, and application in pursuit of excellence in education.

Vision: Communities of practice, investigating learning and teaching

Communities of Practice Investigating Learning and Teaching

Each student admitted to Teacher Education receives a Teacher Education Program Orientation Guide, which identifies outcomes of the program and describes the research base for the conceptual framework, "Communities of Practice Investigating Learning and Teaching." The orientation guide is available online on the Education Department page.

Academic Commons

Within the Academic Commons for Teacher Education is a curriculum library and other material which directly supports the Teacher Education Program. It is located on the second floor of the Individualized Learning Building.

Graduate Courses in Education

Please see subsections entitled, "[Education: Graduate](#)" and "[Education: Special Education](#)."

Physical Education in Education

Please see subsection entitled, "[Physical Education](#)."

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

About the Education Program & Applying to the Education Program

Programs Offered

The Education Department offers Bachelor of Science degrees in Early Childhood Education (Birth-3). Early Childhood Education is offered on campus and in off-campus 2+2 distance learning programs. The Department also offers Elementary Education with an optional endorsement in pre-primary education or in grades 5-8 (Communication Arts/Literature, Mathematics, Science, Social Science, World Languages & Cultures/Spanish). A non-licensure minor in Special Education is also available. Secondary candidates earn a Bachelor of Science degree through their content area departments. Education courses are offered in sequence. Core classes are completed in the freshman and sophomore years. Upper level courses are taken in the junior and senior years after admission to the Teacher Education Program.

Teacher Licensure Programs

The Education Department provides teacher licensure programs in a variety of areas. Grades K-12 licensure combinations are available in Early Childhood Special Education, Music (Vocal or Instrumental), Physical Education, Special Education-Academic Behavioral Specialist, Teaching English as a Second Language, and Visual Arts. Grades 5-12 secondary licensure is available in Agricultural Education, Communication Arts/Literature + Speech, Communication Arts/Literature + English, Mathematics, and Social Science. Grades 5-8 licensure is available in General Science. Grades 9-12 licensure is available in Biology and Chemistry. (See later note in this catalog on Education Program changes to meet new licensure requirements.) Licensure in Special Education in the following specialties is available through our graduate program: Developmental Disabilities (DD); Early Childhood Special Education (ECSE); Emotional Behavioral Disorders (EBD); and Learning Disabilities (LD). Licensure in DAPE (Developmentally Adaptive Physical Education) is available through the DAPE minor. For more information see the [Wellness & Human Performance section](#).

Certificate Programs

The Education Department offers a 12-credit Autism certificate program. **Program Changes to Meet New Licensure Requirements**

The teacher licensure requirements are subject to change without notice to accommodate the requirements of licensure and accrediting agencies. These changes may be applied to students currently enrolled in the program. Students seeking a teaching license must complete a program approved by the Minnesota Board of Teaching; the University will then recommend that an appropriate license be issued. Students interested in Teacher Education should ask for updated information in the Education Department Office.

Applying to the Teacher Education Programs

For information on applying to the SMSU Teacher Education Program, see the [Education Department webpage](#).

Bachelor of Science: Early Childhood Education(76 Credits)

I. Required Courses in Education:

Notes:

The following courses are taken as a block by incoming freshman students. Freshmen register for all courses in “01” sections or all courses in “02” sections. Transfer students may take them separately if necessary.

ED 101	Introduction to Education and Lab	Credits: 3
ED 102	Tech:Classroom Applications & Portfolio	Credits: 2

The following courses are taken as a block by sophomore students:

Notes:

Transfer students may take them separately if necessary.

ED 220	ELA (English Language Arts) Methods & Assessment	Credits: 3
ED 251	Introduction to Child Growth & Development	Credits: 3
ED 315	Play & Creative Activities & Lab	Credits: 3
ED 318	Kindergarten Methods & Materials	Credits: 3
ED 330	Curriculum, Methods, & Assessments in Early Childhood & Lab	Credits: 3
ED 331	Infants and Toddlers	Credits: 3
SPED 290	Introduction to Special Needs and Lab	Credits: 3

The following courses are taken before or after the student has been admitted to the Teacher Education Program:

Notes:

(See the Teacher Education application packet for admission process and criteria.)

ED 275	Foundations: Parent-Child Relationships	Credits: 2
ED 346	Children's Literature	Credits: 2
HLTH 290	Wellness, Safety, & Nutrition from Birth to Grade 3	Credits: 3
SPED 470	Collaboration in Educational Settings	Credits: 3

The following courses may be taken only after the student has been admitted to the Teacher Education Program:

Notes:

This block of classes should be taken in the Fall and Spring of the Junior Year. *Note:* Courses taken during junior year have a common lab placement for the year. ED 423, ED 455, ED 456 may be taken **either** junior **or** senior year.

ED 302	Developmental Reading Methods/ Assessment & Lab	Credits: 3
ED 304	Professional Development & Classroom Applications	Credits: 1
ED 304L	Pre-Student Teaching Experience Practicum	Credits: 0 - 1
ED 344	Elementary Social Sciences Methods and Lab	Credits: 3
ED 361	Mathematics Methods/Assessments & Lab	Credits: 3
ED 363	Science Methods and Assessment & Lab	Credits: 3
ED 402	Early Literacy and Linguistics and Lab	Credits: 3
ED 423	Classroom Management Theories & Practices & Lab	Credits: 3
ED 443	Action Research I	Credits: 2
ED 444	Action Research II	Credits: 1
ED 455	Leadership Issues in Early Childhood	Credits: 3
ED 456	Practicum in ECE Leadership	Credits: 2

Twelve (12) credits of student teaching are required for a semester-length experience:

ED 462	Student Teaching: Birth - Grade 3	Credits: 12
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Total Credits: **76**

Bachelor of Science: Elementary Education with Optional Endorsements**I. Elementary Education major core course requirements: (72 Credits)**

The following courses are taken as a block by incoming freshmen students:

ED 101	Introduction to Education and Lab	Credits: 3
ED 102	Tech:Classroom Applications & Portfolio	Credits: 2

The following courses are recommended during the sophomore year:

ED 220	ELA (English Language Arts) Methods & Assessment	Credits: 3
ED 251	Introduction to Child Growth & Development	Credits: 3
ED 318	Kindergarten Methods & Materials	Credits: 3
MATH 110	College Algebra	Credits: 3
MATH 129	Mathematics for Elementary Education	Credits: 3
SPED 290	Introduction to Special Needs and Lab	Credits: 3

Notes:

NOTE: Prerequisite: MATH 110 must be taken prior to enrolling in MATH 129.

The following courses may be taken either before or after the student has been admitted to the Teacher Education Program:

ART 270	Art Education/Elementary	Credits: 3
ED 346	Children's Literature	Credits: 2
MUS 391	Teaching Music in Elementary Schools	Credits: 3
PE 381	Elementary School Physical Education	Credits: 2

The following courses may be taken only after admission to the Teacher Education Program:

Notes:

(Refer to the current Teacher Education application packet for information about the application process and criteria.)

REQUIRED:

(Fall) ED 344, ED 361, ED 402, ED 443.

(Spring) ED 302, ED 304/304L, ED 363, ED 444.

Courses taken during junior year have a common lab placement for the year.

Courses that may be taken EITHER junior or senior year: HLTH 491, ED 423, ED 453.

ED 302	Developmental Reading Methods/ Assessment & Lab	Credits: 3
ED 304	Professional Development & Classroom Applications	Credits: 1
ED 304L	Pre-Student Teaching Experience Practicum	Credits: 0 - 1
ED 344	Elementary Social Sciences Methods and Lab	Credits: 3
ED 361	Mathematics Methods/Assessments & Lab	Credits: 3
ED 363	Science Methods and Assessment & Lab	Credits: 3
ED 402	Early Literacy and Linguistics and Lab	Credits: 3
ED 423	Classroom Management Theories & Practices & Lab	Credits: 3
ED 443	Action Research I	Credits: 2
ED 444	Action Research II	Credits: 1
ED 453	Assessment in Education	Credits: 2
HLTH 491	Elementary School Health Education	Credits: 2

Twelve (12) credits of student teaching are required for a semester-length experience:

Notes:

(Student teaching may include two placements, depending on licensure.)

ED 463	Student Teaching: PreK - Grade 6	Credits: 12
ED 464	Student Teaching: K - Grade 8	Credits: 12

Notes:

* Refer to Education Program for course number needed for your area.

II. Elementary Education Endorsements**A. Elementary Education Pre-Primary Endorsement: Age 3-Grade 6**

ED 275	Foundations: Parent-Child Relationships	Credits: 2
ED 315	Play & Creative Activities & Lab	Credits: 3
ED 330	Curriculum, Methods, & Assessments in Early Childhood	Credits: 3

& Lab

ED 455	Leadership Issues in Early Childhood _____	Credits: 3
HLTH 290	Wellness, Safety, & Nutrition from Birth to Grade 3 _____	Credits: 3
SPED 470	Collaboration in Educational Settings _____	Credits: 3

B. Communication Arts/Literature Endorsement: Grades 5-8

Notes:

Note: Students must maintain a minimum of "C" grades in these courses.

COMM 200	Small Group Communication _____	Credits: 3
COMM 220	Storytelling in Modern Communication _____	Credits: 3
COMM 330	Mass Media and Society _____	Credits: 3
ED 411	Middle Level Methods: Communication Arts/Literature _____	Credits: 2
ED 430	Reading in the Content Areas _____	Credits: 2
ENG 107	Introduction to Creative Writing _____	Credits: 3
ENG 361	Advanced Composition _____	Credits: 3
ENG 365	Modern Grammar _____	Credits: 3
LIT 410	Literacy & Literature for Adolescents _____	Credits: 3

One of the following Literature courses:

LIT 261	Novel _____	Credits: 3
LIT 262	Short Story _____	Credits: 3
LIT 263	Poetry _____	Credits: 3
LIT 264	World Drama _____	Credits: 3

C. Mathematics Endorsement: Grades 5-8

ED 412	Middle Level Methods: Mathematics _____	Credits: 2
ED 430	Reading in the Content Areas _____	Credits: 2
MATH 150	Calculus I _____	Credits: 5
MATH 151	Calculus II _____	Credits: 4
MATH 200	Intro to Statistics _____	Credits: 3
MATH 300	Modern Geometry _____	Credits: 3
MATH 320	Foundations of Mathematics _____	Credits: 3
MATH 325	Combinatorics _____	Credits: 3

D. Middle School Science Endorsement: Grades 5-8

ED 413	Middle Level Methods: Science _____	Credits: 2
ED 430	Reading in the Content Areas _____	Credits: 2

1. Earth Science

ENVS 101	Physical Geology _____	Credits: 3
ENVS 101L	Physical Geology Lab _____	Credits: 1
ENVS 102	Historical Geology _____	Credits: 3
ENVS 102L	Historical Geology Lab _____	Credits: 1

2. Physical Science

CHEM 121	Basic Chemistry _____	Credits: 3
CHEM 121L	Basic Chemistry Lab _____	Credits: 1

Choose one Physics course with its corresponding lab:

PHYS 100	Our Physical Universe _____	Credits: 3
PHYS 100L	Our Physical Universe Lab _____	Credits: 1
PHYS 121	Introduction to Astronomy _____	Credits: 3
PHYS 121L	Introduction to Astronomy Lab _____	Credits: 1
PHYS 141	College Physics I _____	Credits: 3
PHYS 141L	College Physics I Lab _____	Credits: 1

3. Life Science

BIOL 200	Introduction to Cellular Biology _____	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab _____	Credits: 1
BIOL 201	Introduction to Biodiversity & Evolution _____	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab _____	Credits: 1

4. Environmental Science

ENVS 180	Environmental Science: Introduction	Credits: 3
ENVS 180L	Environmental Science: Introduction Lab	Credits: 1
E. Social Science Endorsement: Grades 5-8		
ED 414	Middle Level Methods: Social Science	Credits: 2
ED 430	Reading in the Content Areas	Credits: 2
1. Anthropology and Indigenous Nations & Dakota Studies		
ANTH 116	Cultural Anthropology	Credits: 3
INDS 1XX	Any INDS Course	Credits: 3
2. Economics		
ECON 201	Principles of Microeconomics	Credits: 3
3. History		
HIST 210	Contemporary World History	Credits: 3
HIST 222	Modern America: History of the U.S. from 1865 to the Present	Credits: 3
HIST 395	Minnesota History	Credits: 3
4. Political Science		
POL 117	Introduction to Government & Politics	Credits: 3
5. Psychology		
PSYC 101	General Psychology I	Credits: 3
PSYC 341	Child & Adolescent Psychology	Credits: 3
6. Rural and Regional		
GEOG 101	Introduction to Geography	Credits: 3
HIST 310	Environmental History	Credits: 3
7. Sociology		
SOCI 101	Introduction to Sociology	Credits: 3
<i>Choose one of the following:</i>		
SOCI 313	Self and Society	Credits: 3
SOCI 318	Forces for Social Change	Credits: 3
SOCI 331	Racial & Ethnic Relations in America	Credits: 3

F. World Language & Culture - Spanish Endorsement: (Grades K-8)**1. Spanish Requirements**

SPAN 205	Intermediate Spanish	Credits: 5
SPAN 311	Spanish Composition & Conversation	Credits: 3
SPAN 312	Spanish Composition & Conversation	Credits: 3

2. Spanish Electives (choose 6 credits)

SPAN 321	Study of 20th Century Literature	Credits: 3
SPAN 341	Spanish Culture & Civilization	Credits: 3
SPAN 342	Latin Amer Culture & Civilization	Credits: 3
SPAN 465	Independent Studies in Spanish	Credits: 1 - 3

Bachelor of Science: Elementary Education with Optional Endorsements Notes:

NOTE: Teacher licensure requirements given in this catalog are subject to change without notice to accommodate the requirements of licensure and accrediting agencies. These changes may be applied to students currently enrolled in the program. Students seeking a teaching license must complete a program approved by the Minnesota Board of Teaching; the University will then recommend that an appropriate license be issued. Students interested in Teacher Education should ask for the most up-to-date information on teaching licensure requirements in the Education Department Office.

Bachelor of Science: Teaching English as a Second Language (TESL) K-12(76 Credits)**I. Education Core Requirements: (55 Credits)**

The following courses are taken as a block by incoming freshmen students:

ED 101	Introduction to Education and Lab	Credits: 3
ED 102	Tech:Classroom Applications & Portfolio	Credits: 2

The following courses are recommended during the sophomore year:

ED 220	ELA (English Language Arts) Methods & Assessment	Credits: 3
MATH 129	Mathematics for Elementary Education	Credits: 3
SPED 290	Introduction to Special Needs and Lab	Credits: 3

Notes:

NOTE: Prerequisite: MATH 110 must be taken prior to enrolling in MATH 129.

Choose one:

ED 251	Introduction to Child Growth & Development	Credits: 3
PSYC 341	Child & Adolescent Psychology	Credits: 3

The following courses may be taken either before or after the student has been admitted to the Teacher Education Program:

ED 346	Children's Literature	Credits: 2
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The following courses may be taken only after admission to the Teacher Education Program:

Notes:

(Refer to the current Teacher Education application packet for information about the application process and criteria.)

REQUIRED:

(Fall) ED 344, ED 361, ED 402, ED 443.

(Spring) ED 302, TESL 304/304L, ED 363, ED 444.

Courses taken during junior year have a common lab placement for the year.

Courses that may be taken EITHER junior or senior year: HLTH 491, ED 423, ED 453.

ED 302	Developmental Reading Methods/ Assessment & Lab	Credits: 3
ED 344	Elementary Social Sciences Methods and Lab	Credits: 3
ED 361	Mathematics Methods/Assessments & Lab	Credits: 3
ED 363	Science Methods and Assessment & Lab	Credits: 3
ED 402	Early Literacy and Linguistics and Lab	Credits: 3
ED 443	Action Research I	Credits: 2
ED 444	Action Research II	Credits: 1
TESL 304	Professional Development & Classroom Applications	Credits: 1
TESL 304L	Pre-Student Teaching Experience in TESL Practicum	Credits: 0 - 1

Choose one:

ED 312	Human Relations for Teachers	Credits: 3
SOCI 212	Human Relations	Credits: 3

Choose one course with lab:

ED 301	The Teaching & Learning Process & Lab	Credits: 3
ED 423	Classroom Management Theories & Practices & Lab	Credits: 3

Twelve (12) credits of student teaching are required for a semester-length experience:

Notes:

(Student teaching may include two placements, depending on licensure.)

TESL 466	Student Teaching in TESL; K-12 & Seminar	Credits: 12
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Notes:

* Refer to Education Program for course number needed for your area.

II. Teaching English as a Second Language (TESL) Requirements: (21 Credits)

ED 447	Teaching of Literacy	Credits: 3
TESL 431	Foundations of Teaching ESL & Lab	Credits: 3
TESL 432	Understanding Second Language Acquisition	Credits: 3
TESL 433	Assessment in TESL	Credits: 3
TESL 434	Second Language Literacy & Linguistics	Credits: 3
TESL 435	TESL Methods & Lab	Credits: 3
TESL 436	TESL Partnerships	Credits: 3

Total Credits: **76**

Bachelor of Science: Educational Studies (Non-Licensure)(55 Credits)

Note: Educational Studies (non-licensure) major cannot be awarded if you are also completing a major that leads to licensure.

I. Core Required Courses: (22 Credits)

ART 270	Art Education/Elementary _____	Credits: 3
ED 101	Introduction to Education and Lab _____	Credits: 3
ED 102	Tech:Classroom Applications & Portfolio _____	Credits: 2
ED 220	ELA (English Language Arts) Methods & Assessment _____	Credits: 3
ED 275	Foundations: Parent-Child Relationships _____	Credits: 2
HLTH 290	Wellness, Safety, & Nutrition from Birth to Grade 3 _____	Credits: 3
SOCI 212	Human Relations _____	Credits: 3

Choose one:

ED 251	Introduction to Child Growth & Development _____	Credits: 3
PSYC 341	Child & Adolescent Psychology _____	Credits: 3

II. Upper Division Core Required Courses: (15 Credits)

ED 315	Play & Creative Activities & Lab _____	Credits: 3
ED 318	Kindergarten Methods & Materials _____	Credits: 3
ED 330	Curriculum, Methods, & Assessments in Early Childhood _____	Credits: 3
ED 331	Infants and Toddlers _____	Credits: 3
ED 346	Children's Literature _____	Credits: 2
ED 461	Educational Studies Practicum _____	Credits: 1 - 12

III. Special Education Require Courses: (18 Credits)

SPED 290	Introduction to Special Needs and Lab _____	Credits: 3
SPED 430	Foundations in Mild to Moderate Disabilities _____	Credits: 3
SPED 450	Curriculum Design & Implementation in Special _____	Credits: 3
SPED 460	Positive Behavior Support in Special Education _____	Credits: 3
SPED 470	Collaboration in Educational Settings _____	Credits: 3
SPED 485	Autism Spectrum Disorders:Issues & Needs _____	Credits: 3

Total Credits: **55**

Minor: Reading (15 Credits)

This program, added to a current teaching license, will prepare students to meet the state requirements for reading instruction.

Choose one: (3 Credits)

ED 402	Early Literacy and Linguistics and Lab _____	Credits: 3
ED 502	Early Literacy and Linguistics _____	Credits: 3

Choose one: (3 Credits)

ED 446	Advanced Developmental Reading Methods & Research _____	Credits: 3
ED 546	Advanced Developmental Reading Methods & Research _____	Credits: 3

Choose one: (3 Credits)

ED 447	Teaching of Literacy _____	Credits: 3
ED 547	Teaching of Literacy _____	Credits: 3

Choose one: (3 Credits)

ED 450	Reading Assessment & Evaluation _____	Credits: 3
ED 550	Reading Assessment & Evaluation _____	Credits: 3

Choose one: (3 Credits)

ED 451	Differentiated Reading Instruction _____	Credits: 3
ED 551	Differentiation in Reading Instruction _____	Credits: 3

Total Credits: **15****Minor: Teaching English as a Second Language (TESL) K-12(15 Credits)**

Select 12 Credits from the following:

ED 402	Early Literacy and Linguistics and Lab	Credits: 3
ED 447	Teaching of Literacy	Credits: 3
TESL 432	Understanding Second Language Acquisition	Credits: 3
TESL 433	Assessment in TESL	Credits: 3
TESL 434	Second Language Literacy & Linguistics	Credits: 3
TESL 435	TESL Methods & Lab	Credits: 3
TESL 436	TESL Partnerships	Credits: 3

Total Credits: **15****K-12 or 5-12 Licensure Curriculum(Credits)****Secondary Majors:**

5-12 Agricultural Education

9-12 Biology

9-12 Chemistry

5-12 Communication Arts: Literature or Speech

5-12 Health

5-12 Mathematics

5-12 Majors: Social Science Licensure with Content Major: (history, psychology, political science, or sociology)

5-8 General Science Licensure

K-12 Majors:

K-12 Music: Instrumental or Vocal

K-12 Physical Education

K-12 Visual Arts

I. Professional Secondary Education Sequence: (32 Credits)

ED 101	Introduction to Education and Lab	Credits: 3
ED 102	Tech:Classroom Applications & Portfolio	Credits: 2
ED 301	The Teaching & Learning Process & Lab	Credits: 3
ED 304	Professional Development & Classroom Applications	Credits: 1
ED 304L	Pre-Student Teaching Experience Practicum	Credits: 0 - 1
ED 430	Reading in the Content Areas	Credits: 2
PSYC 341	Child & Adolescent Psychology	Credits: 3
SPED 290	Introduction to Special Needs and Lab	Credits: 3

Notes:

Note: Student Teaching is generally a full semester in length. Double majors with a combination of 5-12, 9-12, and K-12 levels are usually able to complete student teaching in one semester.

Choose one of the following:

ED 312	Human Relations for Teachers	Credits: 3
SOCI 212	Human Relations	Credits: 3

Choose one of the following Student Teaching Sections:

ED 466	Student Teaching: K - Grade 12	Credits: 12
ED 469	Student Teaching:Grade 5 - 12	Credits: 12

Notes:

Note: Student Teaching is generally a full semester in length. Double majors with a combination of 5-12, 9-12, and K-12 levels are usually able to complete student teaching in one semester.

II. Methods Courses in the Subject Matter Areas: (2-6 Credits)

Notes:

The appropriate discipline methods course(s) is (are) intended to be taken prior to Student Teaching.

Taking this course prior to or concurrently with ED 304 Professional Development and Classroom Applications is recommended:

Discipline Methods Course(s)

AGED 401	Agricultural Education: 5-12 Methods	Credits: 2
ART 270	Art Education/Elementary	Credits: 3

ART 370	Art Education/Secondary _____	Credits: 3
ED 405	Secondary Methods: Language Arts _____	Credits: 3
ED 406	Secondary Methods: Mathematics _____	Credits: 3
ED 407	Secondary Methods: Science _____	Credits: 3
ED 408	Secondary Methods: Social Science _____	Credits: 3
HLTH 492	Organization and Application of Health Education: 5-12 _____	Credits: 3
MUS 392	Elementary School Music Methods and Materials _____	Credits: 2
MUS 393	Secondary Ensemble & Classroom Methods _____	Credits: 3
PE 401	K-12 Physical Education Methods & Lab _____	Credits: 3

III. Requirements of major and/or minor fields of study:

Notes:

See descriptions listed under program areas of the online catalog.

Total Credits:

Course Descriptions**CRED 410 Instructional Strategies for Community & Technical Colleges Credits: 2**

This course is designed to prepare teachers to improve student learning in community and technical colleges. The course will provide students with an overview of the historical, social, and current direction of adult learning theory. It will also explore a variety of traditional and innovative modes of instruction that could be effectively used in the instruction of adults.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years***CRED 420 Assessment & Evaluation of Student Learning for Community & Tech Colleges Credits: 2**

This is a two-credit undergraduate/graduate course with a focus on both improving and promoting learning in community and technical colleges. A variety of traditional and innovative assessment and evaluation strategies/methods will be addressed that will enhance teaching and learning as a dynamic process to foster student learning. This course will focus on the construction, interpretation, use, and evaluation of student assessment/evaluation methods and tools based on the course/discipline/program outcomes in concert with theoretical assumptions that give meaning to such methods.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years***CRED 430 Curriculum Planning & Design for Community & Technical Colleges Credits: 2**

This is a two-credit undergraduate/graduate course focused on the development of curriculum and the instructional design of courses within a curriculum in community and technical colleges. Emphasis will be on curriculum and course development focused on educational outcomes and adult learning theory.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years***CRED 440 Advanced Practicum Credits: 3**

This course is designed to allow students the opportunity to fully incorporate the skills acquired from the three CRED classes listed below into a professional classroom setting at the Community College or Technical

College. The setting may be traditional, online, or a hybrid format. The practicum will allow the student to demonstrate their abilities to implement 1)Active Learning Strategies, 2)Assessment, and 3)Course Design skills in their own discipline under the guidance of a master teacher. There will be a minimum of 60 hours required for the completion of the class. The successful completion of this course will also enable the students to receive a "Certificate for Teaching at the Community and Technical College."

Pre-Requisites: (CRED_410 AND CRED_420 AND CRED_430) OR (AE_420 AND AE_430 AND AE_410) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

CRED 510 Instructional Strategies for College & Technical Colleges **Credits: 2**

This course is designed to prepare teachers to improve student learning in community and technical colleges. The course will provide students with an overview of the historical, social, and current direction of adult learning theory. It will also explore a variety of traditional and innovative modes of instruction that could be effectively used in the instruction of adults.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

CRED 520 Assessment & Evaluation of Student Learning for Community & Tech Colleges **Credits: 2**

This is a two-credit undergraduate/graduate course with a focus on both improving and promoting learning in community and technical colleges. A variety of traditional and innovative assessment and evaluation strategies/methods will be addressed that will enhance teaching and learning as a dynamic process to foster student learning. This course will focus on the construction, interpretation, use, and evaluation of student assessment/evaluation methods and tools based on the course/discipline/program outcomes in concert with theoretical assumptions that give meaning to such methods.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

CRED 530 Curriculum Planning & Design for Community & Technical Colleges **Credits: 2**

This is a two-credit undergraduate/graduate course focused on the development of curriculum and the instructional design of courses within a curriculum in community and technical colleges. Emphasis will be on curriculum and course development focused on educational outcomes and adult learning theory.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ECSE 304 Professional Development & Classroom Applications in ECSE **Credits: 1**

This required course will help the teacher education student begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussions and activities related to preparing for the teaching profession. Concurrent enrollment in ECSE 304 and ECSE 441 is required. Admission to the Teacher Education Program is required.

Pre-Requisites: ((ECSE_422 AND ECSE_432 AND ECSE_442) OR (SPED_422 AND SPED_432 AND SPED_442)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ECSE 304L Pre-Student Teaching Experience in ECSE Practicum **Credits: 0 - 1**

This lab will allow teacher candidates a 10-day classroom experience in preparation for student teaching with the implementation of the edTPA - Teacher Performance Assessment.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ECSE 422 ECSE Foundations

Credits: 3

Foundations in the field of early childhood special education. This includes history, philosophical perspectives, characteristics, policy, and collaboration.

Pre-Requisites: (ED_251 AND SPED_290) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ECSE 432 Infants, Toddlers, & Families in ECSE & Lab

Credits: 3

Current research and recommended practices for early intervention will guide the study of methods, materials, and transitions employed in natural environments with typically and atypically developing infants and toddlers, birth through 35 months. The key role of the family is integrated into the course and includes working with families in the IFSP/IEP development process. This course involves a 15-hour field experience.

Pre-Requisites: (ED_251 AND SPED_290 AND ECSE_422) **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

ECSE 441 Assessment and Curriculum in Early Childhood Special Education & Lab

Credits: 4

This course is designed to provide individuals seeking the early childhood special educator license with an opportunity to integrate and reflect on theory and practice related to the evaluation, planning, and supporting preschoolers (ages birth through 6) with diverse abilities. Specifically, individuals will have opportunities to learn various assessment strategies and tools, practice implementing a comprehensive evaluation, develop an Individualized Education Plan (IEP), and design individual, small and large group activities to meet a child's IEP goals in an inclusive early childhood setting. This course includes 30-hours field experience in an integrated public school Early Childhood Special Education setting ages birth through age 6.

Pre-Requisites: (ED_251 AND SPED_290 AND ECSE_422) and (Requires minimum credits: 60) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ECSE 442 Programming for ECSE

Credits: 3

A study of current research and evidence-based practices for instructional, medical, and social needs of infants, toddlers, preschoolers, and primary students, ages birth through 6, and their families.

Pre-Requisites: (ED_251 AND SPED_290 AND ECSE_422) **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

ECSE 452 Transitions in ECSE

Credits: 2

This course will prepare the candidate for assessment, the educational process, and transitions for young children with special needs. Topics include collaboration with families to determine appropriate

individualized planning and placements of young children birth through age 6.

Pre-Requisites: ((ECSE_422 AND ECSE_432 AND ECSE_442)) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

ECSE 462 Student Teaching in ECSE

Credits: 12

A supervised student teaching experience providing an opportunity to relate theory to practice in a home- and center-based educational setting for infants/toddlers/preschoolers birth through age 6.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ECSE 467 Advanced Student Teaching in Early Childhood

Credits: 1 - 12

Special Education

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. Additional weeks of supervised practice teaching in the area of Early Childhood Special Education in an elementary and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 095 Preparing for the Spanish Licensure Tests

Credits: 1

This elective course will help students review and prepare for the standardized examination for Spanish teaching licensure (Praxis: Spanish Content Knowledge and Productive Language Skills). Students will become familiar with the test content and learn about the test format. Special emphasis will be given to prepare students to succeed on the speaking section of the licensure tests. Students will practice test-taking strategies specifically for the purpose of improving scores on this section of the licensure tests.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 101 Introduction to Education and Lab

Credits: 3

An introduction to early childhood, elementary, and secondary education for students interested in teaching. Students will explore their potential for teaching in light of admission criteria and licensure requirements. Includes study of historical and social foundations of education topics such as inquiry into the teaching and learning process, schools in a multicultural and diverse society, the profession of teaching principles of cooperative group learning and cultural differences, communication, and stereotyping. Fifteen hours of field experience is included.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 102 Tech:Classroom Applications & Portfolio

Credits: 2

The focus of this course is educational uses of technology. Students will explore computer applications as tools for their own learning, as well as the ethics of electronic communications, and will begin developing a Teacher Education portfolio using LiveText software.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 115 Understanding & Preventing Violence & Abuse

Credits: 1

This course introduces facts, concepts, and theories that provide a foundation for understanding the kinds of violence and abuse that may occur in society. Topics include violence in dating relationships, acquaintance

rape, partner abuse and rape, child abuse and incest, and elder

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 200 Introduction to Education Lab

Credits: 1

ED 200 provides a field experience for early childhood, elementary, and secondary education students interested in the teaching profession. It is intended for students who need an introductory field experience. The lab involves a minimum of 15 hours assisting in a classroom.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 220 ELA (English Language Arts) Methods & Assessment

Credits: 3

The course enables the early childhood and elementary teacher to improve communication proficiency as language develops in the child from birth through adolescence. With inclusion of the ELA literacies: reading, writing, listening, speaking, viewing, and visually representing, the focus of the content of English language arts includes: literature, writing, vocabulary, spelling, grammar, phonics, and handwriting. This course explores the process of language development and appropriate strategies to stimulate and encourage the continuation of language growth, and includes focus on understanding interrelationships among culture, language, and thought, with emphasis on diversity and the needs of English learners (ELs). Students will complete an informal (self-paced) eight-hour field experience.

Pre-Requisites: (ED_101 AND ED_102) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

ED 251 Introduction to Child Growth & Development

Credits: 3

This is an introductory study of child growth and development from conception through adolescence with a concentration on the physical, cognitive, and social-emotional domains of development. Emphasis areas of the course include: historical foundations and theories associated with the study of child development, the research process, the implications of teaching and learning, student diversity and pertinent topics associated with the possible effect of environment and behavior on prenatal development through adolescence.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 275 Foundations: Parent-Child Relationships

Credits: 2

Exploration of parent-child relationships within diverse family and cultural settings. Examination of parenting styles, attitudes, and behaviors and their effects on children's development.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 286 Special Topics in Education

Credits: 1 - 4

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 292 Honors Credit in Education

Credits: 1 - 3

An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other

Education course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 296 Workshop in Education

Credits: 0 - 4

Special workshops created and designed according to the needs of the participants. Offered in different formats and time spans.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 301 The Teaching & Learning Process & Lab

Credits: 3

This required course for all secondary (5-12/K-12) licensure students addresses instructional strategies and assessment, diversity and exceptionality, classroom management, and home-school-community relationships. Students plan for and teach in clinical settings at nearby secondary schools.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 301L The Teaching & Learning Process Lab

Credits: 0

This required course for all secondary (5-12/K-12) licensure students addresses instructional strategies and assessment, diversity and exceptionality, classroom management, and home-school-community relationships. Students plan and teach in clinical settings at nearby secondary schools.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 302 Developmental Reading Methods/ Assessment & Lab

Credits: 3

This course addressed the total spectrum of a diverse P-6 developmental literacy program; study of phonemic, graphemic, and semantic systems, as well as strategies for teaching skills to diverse learners; and 15 hours of classroom visits with structured assignments for teaching reading skills to diverse children in P-6 is required.

Pre-Requisites: ((ED_220)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 304 Professional Development & Classroom Applications

Credits: 1

This required course will help the teacher education student begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussions and activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience (all majors).

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 304L Pre-Student Teaching Experience Practicum

Credits: 0 - 1

This required lab will provide guidance to teacher candidates as they complete 10 full days of Pre-Student Teaching Experience (PSTE) and Education Teacher Performance Assessment (EdTPA) requirements. Students will be required to actively participate in a school setting by teaching lessons and engaging in day-to-day functions of the classroom. Additionally students will complete Tasks 1, 2, and 3 of EdTPA.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 312 Human Relations for Teachers**Credits: 3**

Covers concepts and ideas which enable students to recognize and identify oppression, discrimination, and racism, along with learning techniques for building a community of teachers and learners in a pluralistic society with its great variety of cultures, value systems, and life styles. Includes study of American Indian language, history, government and culture.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 315 Play & Creative Activities & Lab**Credits: 3**

Emphasis will be on constructivist approaches to hands-on creative activities, expressive arts, and discovery learning for young children that is inclusive. Facilitating children's development through planning implementing, and evaluating learning experiences in the visual arts, music, movement, dance, and dramatic play will be the heart of this integrated curriculum course. A lab experience is included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 318 Kindergarten Methods & Materials**Credits: 3**

In order to teach young children it is necessary to be familiar with patterns of growth concerning physical, mental, social, emotional, and aesthetic development of this age group. And to know both methods and materials is essential in order to create a living/learning environment where children can experience the best possible educational program.

Pre-Requisites: (ED_101) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ED 330 Curriculum, Methods, & Assessments in Early Childhood & Lab**Credits: 3**

The course focuses on various developmentally appropriate and best curricula in the field of early childhood education in which instructional strategies, theories of curriculum development, and integrated curriculum for traditional/thematic types, to newer experimental and/or research-based models are explored. Approaches to anti-bias curriculum and inclusion of all children will be studied. A lab experience is included.

Pre-Requisites: ((ED_315)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 331 Infants and Toddlers**Credits: 3**

This course develops a framework for establishing and maintaining high quality programs for infants and toddlers and their families. Students will develop techniques for care giving, facilitating learning, and assessment that are developmentally appropriate and culturally sensitive. Attention to infants and toddlers with special needs is included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 344 Elementary Social Sciences Methods and Lab**Credits: 3**

This course includes the study of standards, teaching strategies, and assessments for social studies concepts at the preprimary, kindergarten, and elementary levels for PreK-6 diverse learners. Early Childhood and

Elementary education majors teach social studies content and skill objectives during a 15 hour lab experience in an elementary school for K-6 diverse learners.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 345 Social Studies/Classroom Management & Lab **Credits: 3**

This course includes study of teaching strategies and assessments for social studies concepts at preprimary, kindergarten, and elementary levels, and study of children's literature for preprimary, kindergarten, and elementary levels, and study of children's literature for preprimary, kindergarten, and elementary levels, with emphasis on diversity. Admission to Teacher Education Program is required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 346 Children's Literature **Credits: 2**

Includes study of children's literature at pre-primary, kindergarten, and elementary levels, with emphasis on diversity.

Pre-Requisites: ((ED_101 AND ED_102 AND ED_251) OR (ED_101 AND PSYC_341)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

ED 361 Mathematics Methods/Assessments & Lab **Credits: 3**

This course focuses on the central concepts and tools of inquiry for effective standards-based teaching and learning of mathematics from pre-kindergarten through grade 8. The course will address concept development, skill attainment, problem solving, lesson planning, assessment procedures, and techniques for accommodating different learning styles. Fifteen hours of classroom visits for guided practice and teaching a unit using appropriate methods for diverse learners are included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 363 Science Methods and Assessment & Lab **Credits: 3**

This course focuses on the central concepts and tools of inquiry for effective standards-based teaching and learning of science from pre-kindergarten through grade 8. This course will address concept development, skill attainment, problem solving, lesson planning, assessment procedures, and techniques for accommodating different learning styles. Fifteen hours of classroom visits for guided practice and teaching a unit using appropriate methods for diverse learners are included.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 402 Early Literacy and Linguistics and Lab **Credits: 3**

This course is an introduction to early literacy and linguistics, which is the scientific study of language. The theory of linguistics and teaching methods will be investigated. Topics taught in this course are language

development, including the sounds of language and how they are produced (phonology), the structure of words (morphology), sentence structure (syntax), and how meaning is expressed (semantics). Early literacy topics addressed in this courses include concepts about print, alphabetic principle, phonemic awareness, phonics, spelling, fluency, and written language. Emphasis will be placed on teaching techniques, strategies, and assessment tools used to instruct beginning readers, with special focus on the need to differentiate instruction to accommodate the needs of all learners, particularly the struggling reader and students for whom English is a second language. Students will complete a 15 hour lab placement as part of this class.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 405 Secondary Methods: Language Arts

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching language arts to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

ED 406 Secondary Methods: Mathematics

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching mathematics to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 407 Secondary Methods: Science

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching science to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 408 Secondary Methods: Social Science

Credits: 3

Study of rationale, curriculum, and special methods relevant to teaching the social sciences to diverse students, grades 5-12. Five classroom visits are included in the course.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

ED 409 K-12 Methods: World Languages & Cultures in Spanish

Credits: 4

Learners will investigate language as a system, first and second language acquisition theory, developmental and cultural considerations, child/adolescent literature, curriculum/lesson development, standards-based assessment practices, and teaching/learning strategies (including technological) for diverse students. Spanish vocabulary related to the course content will be included. The learners will develop thematic/integrated teaching materials and practice using them to teach Spanish (listening, speaking, reading and writing skills and cultural understandings) in school settings. The course will be taught with a combination of online and on-site experiences.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 411 Middle Level Methods: Communication Arts/Literature

Credits: 2

An introduction to the special literacy needs of diverse middle level students with specific focus on reading, writing, speaking, and listening methods for middle school teachers. The course provides pre-service teachers

with the background to work with diverse middle level students and to develop a working knowledge of Communication Arts/Literature with the appropriate research base and strategies. Classroom and evaluation procedures and technology appropriate for diverse middle level students will be studied. Five classroom visits are included in the course. Admission to the Teacher Education Program required.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

ED 412 Middle Level Methods: Mathematics **Credits: 2**

Study of rationale, curriculum, and special methods relevant to teaching mathematics to diverse students, grades 5-8. Five classroom visits are included in the course. Admission to Teacher Education program required.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 413 Middle Level Methods: Science **Credits: 2**

Study of rationale, curriculum, and special methods relevant to teaching science to diverse students, grades 5-8. Five classroom visits are included in the course. Admission to Teacher Education program required.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 414 Middle Level Methods: Social Science **Credits: 2**

Study of rationale, curriculum, and special methods relevant to teaching social science to diverse students, grades 5-8. Five classroom visits are included in the course. Admission to Teacher Education program required.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

ED 415 K-8 Methods: World Languages and Cultures-Spanish **Credits: 2**

Learners will investigate language as a system, first and second language acquisition theory, developmental and cultural considerations, child/adolescent literature, curriculum/lesson development, standards-based assessment practices, and teaching/learning strategies (including technological) for diverse students. Spanish vocabulary related to the course content will be included. The learners will develop thematic/integrated teaching materials and practice using them to teach Spanish (listening, speaking, reading and writing skills and cultural understandings) in school settings. Required preparation: at least one Spanish course at the 300 level, Admission to Teacher Education program.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ED 422 Pre-Student Teaching Experience **Credits: 1**

Must be successfully completed by elementary, secondary, and K-12 Education candidates prior to student teaching. Goals include practicing knowledge, skills, and dispositions that support learning by P-12 students in a classroom setting, and assessing readiness for student teaching. A minimum of 10 days is required. Prerequisites: No Fs or IPs on transcript; completion of appropriate methods courses; 2.8 GPA in Education and specialty courses; grade of C or higher in all Education and specialty courses.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 423 Classroom Management Theories & Practices & Lab **Credits: 3**

Provide education majors an understanding of the principles of effective classroom management and an opportunity to use a range of strategies to promote positive relationships, cooperation, and purposeful learning

in the classroom; grow in their knowledge on how to create learning environments that contribute to the self-esteem of all persons and to positive personal relations, establish a positive climate in the classroom and participate in maintaining a positive climate in the school as a whole. Participants will professionally grow in their development of skills necessary to lead with confidence, compassion, creativeness and commitment and team planning and teaching with multi-age grouping for K-6 diverse learners. Elementary and Early Childhood Education majors team-plan and team-teach content and skill objectives during a special two day "clinical lab experience" in a nearby elementary school for K-6 diverse learners.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 430 Reading in the Content Areas

Credits: 2

This course provides a study of methods for developing reading comprehension, strategies, and study skills for the acquisition of new content in a given discipline.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 439 Action Research/Philosophy of Education

Credits: 2

Students use the inquiry process to investigate a curriculum, school, or community topic, and under the guidance of the University instructor and school personnel cooperatively develop and implement a plan of action and present the results. Students also prepare a philosophy of education statement for their working portfolio and present it in an exit interview.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 443 Action Research I

Credits: 2

Students will prepare their philosophy of education for their working portfolio, and present it in class. Students will use the inquiry process to design an action research project and complete a literature review. The action research project will be completed during ED 444 (Action Research II).

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ED 444 Action Research II

Credits: 1

Under the guidance of the University instructor and school personnel, students will cooperatively develop and implement an action research project, and will present the results in a university-wide presentation.

Pre-Requisites: ((ED_443)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 446 Advanced Developmental Reading Methods & Research

Credits: 3

This course develops knowledge and strategies in planning and teaching reading, phonics, and writing in grades K-8. Curriculum methods and organization of the reading program are explored in the context of best current practice and professional reading standards.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

ED 447 Teaching of Literacy

Credits: 3

This course will help the teacher construct a framework for supporting content area literacy instruction. The course will focus on assisting teachers in developing reading and writing methods, strategies, and procedures

for the 5-12 students.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

ED 450 Reading Assessment & Evaluation

Credits: 3

This course focuses on assessment of the reading development of individual students and groups of students and the selection of strategies, materials, and instruction for students with a wide range of reading backgrounds and skills.

Pre-Requisites: (ED_402) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 451 Differentiated Reading Instruction

Credits: 3

This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students.

Pre-Requisites: (ED_402) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ED 453 Assessment in Education

Credits: 2

This required course will enable teacher candidates to understand and be able to use formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the student.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 455 Leadership Issues in Early Childhood

Credits: 3

This course focuses on the exploration, discussion, and critical analysis of contemporary issues regarding children, families, and early childhood programming. Areas will include advocacy understanding legislation, rules, and regulations child abuse parenting roles and professionalism.

Course Frequency: *Fall: N/A Spring: All Years Summer: All Years*

ED 456 Practicum in ECE Leadership

Credits: 2

Candidates will complete a supervised field experience in an agency that serves young children and their families. Candidates will have opportunities to understand the infrastructure of the Early Childhood field and to demonstrate professional and ethical behaviors.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 461 Educational Studies Practicum

Credits: 1 - 12

Students will complete an extended supervised field experience in an organized setting serving children ages Birth - 18. Course is repeatable up to 12 credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 462 Student Teaching: Birth - Grade 3

Credits: 12

A supervised semester-long field experience evaluated by a classroom supervisor and a University supervisor,

in Birth-Grade 3 classrooms, required for ECE licensure fields. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 463 Student Teaching: PreK - Grade 6

Credits: 12

A supervised semester-long field experience in pre-K - Grade 6 classrooms for Elementary Education licensure fields, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 464 Student Teaching: K - Grade 8

Credits: 12

Supervised, semester-long field experience in K-Grade 8 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 465 Student Teaching: Varied Placement

Credits: 12

Enrollment is restricted to student teaching in Common Market or UTEP, or to double majors. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 466 Student Teaching: K - Grade 12

Credits: 12

Supervised semester-long field experience, required for K-12 licensure fields, in kindergarten-Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 467 Advanced Student Teaching

Credits: 6

For students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. A partial semester of supervised practice teaching in an elementary or secondary school.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 468 Advanced Practicum

Credits: 6

For licensed teachers who are adding a second or third, etc., licensure field. A partial semester of supervised teaching in an elementary or secondary school.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 469 Student Teaching: Grade 5 - 12

Credits: 12

Supervised semester-long field experience in Grade 5-12 classrooms, required for 5-12 licensure fields, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education

program outcomes and present a portfolio presented at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 471 Global Student Teaching at SMSU & Seminar **Credits: 1 - 12**

Supervised global student teaching field experience, required for education licensure fields, in kindergarten-Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference. Admission to Teacher Education Program is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ED 472 Extended Student Teaching **Credits: 6 - 12**

This extended student teaching experience will allow teacher candidates further experience in student teaching to demonstrate proficiency in preparation for licensure with the implementation of the edTPA - Teacher Performance Assessment. Special Permission Required.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 477 Working with At-Risk Youth **Credits: 3**

This course explores the predictive factors linked to academic problems and risk behaviors in youth. It is also an evaluation of theories, models, research, and practices as they relate to working with youth in alternative schools, residential settings, and non-familial homes. Other topics of study include common risk behaviors among youth, intervention and prevention programs for at-risk youth, behavior and crisis management, and differential outcomes for youth at risk.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 478 Coordination of Services for At-Risk Youth **Credits: 3**

This course focuses on the collaborative efforts among agencies serving at-risk youth. Major topics will include collaboration models, initiatives, and structures; benefits of and barriers to effective inter-agency collaboration; community resource mapping and capacity building; information sharing and confidentiality; as well as cultural competency within the context of a service system. Students will also gain a broad understanding of the services and programs designed to assist youth at risk.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 481 Best Practices in Course Development **Credits: 3**

This course investigates the best practices in course development. Participants will investigate multiple intelligences theory, research in brain development and learning theory, the use of graphic organizers, and other tools to improve student achievement.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 482 Best Practices in Online Teaching **Credits: 3**

This course focuses on the development of best practices in online teaching. Participants will investigate the roles of the online instructor, the online student, and the integration of technology in creating a successful

online learning experience.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 483 Teaching with Technology

Credits: 3

This course looks at best practices in the integration of technology into classroom teaching. A variety of tools and applications will be explored in the context of specific content areas and age levels from pre-K through college level teaching.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 486 Special Topics

Credits: 1 - 2

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 488 Assistantship

Credits: 1 - 3

Tutoring of other students in the Learning Center, assisting Education Department instructors in the development of competencies or completing projects related to the student's interest.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 489 Field Experience with Special Needs Students

Credits: 1 - 3

Field experience designed by a requesting student with a faculty member who has agreed to help structure and supervise this experience with special needs pupils. A-N grade.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ED 494 Independent Study

Credits: 1 - 3

This course allows students to do an in-depth, independent study exploration for a better understanding of a particular area of education.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 495 Education in a Global Society

Credits: 3

Education in a Global Society will focus on education systems around the world, making comparisons to education in the United States. This course promotes opportunities beyond the classroom, providing university students with an opportunity to visit another country and culture while enhancing their critical and creative thinking. University students will research the destination community before venturing there to teach in a K-12 school as well as prepare and implement a community service project in effort to be a concerned and active global citizen.

Pre-Requisites: (ED_101) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

ED 499 Internship - Field Experience - Field Study

Credits: 1 - 12

Field experience designed by the requesting student and the faculty member who has agreed to help structure

and supervise the experience.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

ED 502 Early Literacy and Linguistics

Credits: 3

This course is an introduction to early literacy and linguistics, which is the scientific study of language. The theory of linguistics and teaching methods will be investigated. Topics taught in this course are language development, including the sounds of language and how they are produced (phonology); the structure of words (morphology); sentence structure (syntax); and how meaning is expressed (semantics). Early literacy topics addressed in this courses include concepts about print, alphabetic principle, phonemic awareness, phonics, spelling, fluency, and written language. Emphasis will be placed on teaching techniques, strategies, and assessment tools used to instruct beginning readers, with special focus on the need to differentiate instruction to accommodate the needs of all learners, particularly the struggling reader and students for whom English is a second language.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 546 Advanced Developmental Reading Methods & Research

Credits: 3

This course develops knowledge and strategies in planning and teaching reading, phonics, and writing in grades K-8. Curriculum methods and organization of the reading program are explored in the context of best current practice and professional reading standards.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 547 Teaching of Literacy

Credits: 3

This course will help the teacher construct a framework for supporting content area literacy instruction. The course will focus on assisting teachers in developing reading and writing methods, strategies, and procedures for the 5-12 students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 550 Reading Assessment & Evaluation

Credits: 3

This course focuses on assessment of the reading development of individual students and groups of students and the selection of strategies, materials, and instruction for students with a wide range of reading backgrounds and skills.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 551 Differentiation in Reading Instruction

Credits: 3

This course provides students with the opportunity to apply effective reading practices with elementary, middle level and high school students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 577 Working with At-Risk Youth

Credits: 3

This course explores the predictive factors linked to academic problems and risk behaviors in youth. It is also an evaluation of theories, models, research, and practices as they relate to working with youth in alternative

schools, residential settings, and non-familial homes. Other topics of study include common risk behaviors among youth, intervention and prevention programs for at-risk youth, behavior and crisis management, and differential outcomes for youth at risk.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 578 Coordination of Services for At-Risk Youth **Credits: 3**

This course focuses on the collaborative efforts among agencies serving at-risk youth. Major topics will include collaboration models, initiatives, and structures; benefits of and barriers to effective inter-agency collaboration; community resource mapping and capacity building; information sharing and confidentiality; as well as cultural competency within the context of a service system. Students will also gain a broad understanding of the services and programs designed to assist youth at risk.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 581 Best Practices in Course Development **Credits: 3**

This course investigates the best practices in course development. Participants will investigate multiple intelligences theory, research in brain development and learning theory, the use of graphic organizers, and other tools to improve student achievement.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 582 Best Practices in Online Teaching **Credits: 3**

This course focuses on the development of best practices in online teaching. Participants will investigate the roles of the online instructor, the online student, and the integration of technology in creating a successful online learning experience.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 583 Teaching with Technology **Credits: 3**

This course looks at best practices in the integration of technology into classroom teaching. A variety of tools and applications will be explored in the context of specific content areas and age levels from pre-K through college level teaching.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 586 Graduate Topics in Education **Credits: 1 - 3**

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 594 Graduate Independent Study **Credits: 1 - 3**

Additional work in a particular area, in-depth study or related projects.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 596 Graduate Workshop in Educ **Credits: 1 - 4**

Expands and strengthens the teacher's ability to develop an in-depth understanding of Reading Recovery

practices and theory in order to teach and accelerate the learning of individual children. Classroom instruction is coordinated with the individual instruction of four at-risk students in an integrated field experience. The second semester focuses on understanding the theoretical background of Reading Recovery, analyzing and refining teaching decisions, and becoming reflective teachers.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 599 Internship/Field Experience/Study

Credits: 1 - 8

Field experience designed by requesting student and the faculty member who has agreed to help structure and supervise the experience.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 600 Research Seminar

Credits: 1

This course will assist the graduate student in the American Psychological Association (APA) publication style, choosing a research topic, conducting a review of literature, and organizing an action research project, the capstone activity for the graduate program.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 610 Professional Development for Meaningful Learning

Credits: 3

Students will identify the cultural and historical influences and knowledge and belief systems which shape, and continue to shape, educational organizations, processes, and individual actions. Students will investigate the concepts and skills used in educational research and evaluate research methodologies. Students will initiate a portfolio as a means of demonstrating professional competencies. Technology will be an integral component in the research and portfolio process.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 614 Critical Analysis of Teaching and Learning

Credits: 3

This course combines research and theory about teaching and learning that effectively enable educators to make informed decisions to better meet the diverse needs of all learners.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 621 Critical Theory of Educational Systems

Credits: 3

Students will identify and critically analyze a variety of cultural and historical influences, theories, knowledge and belief systems which shape educational organizations. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 622 Research in Education

Credits: 3

Students will learn and apply education research and assessment as a means of analyzing and improving teaching and the learning of content. Students will use their findings to enhance the scholarship of teaching

and learning.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 623 Professional Planning & Assessment

Credits: 2

Students create a portfolio to reflect their professional growth and development. The portfolio will be an accurate portrayal of who they are as educators. Admission to the Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 624 Research Project Design

Credits: 3

Students identify an issue of interest to their professional development. The issue may include, but it is not limited to, instructional, organizational, or community processes related to their practice or content area. Students develop a research project designed to improve, implement, or understand the issue identified. Admission to Education Graduate program is required.

Pre-Requisites: ((ED_622)) and graduate status. **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 625 21st Century Based Teaching and Learning

Credits: 3

Students will focus on an in-depth examination of their professional beliefs, values, and knowledge regarding teaching and learning and compare these to the current research base on teaching and learning. With this knowledge they will conduct field studies to determine the influence of their practice on student learning and work to improve that practice. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 626 Democracy, Diversity, and Leadership

Credits: 3

Students will critically examine culturally embedded beliefs, knowledge, practices, and organizational structures and processes to determine their appropriateness in a democratic society. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 627 Action Research: Project Implementation

Credits: 1 - 2

Students implement and complete their action research projects. Admission to Education Graduate program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 628 Continuing Research Education

Credits: 1

This course is for graduate students who have not completed their research at the end of their final research course. Students are required to enroll each semester the student is requesting assistance from graduate faculty

and using the library resources or any other University resources. Admission to the Graduate Program is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 631 Professional Learning Communities

Credits: 3

Students study social learning and the school as a social learning organization. Students experience first hand the processes involved in social learning within the learning community context and transfer those processes into classroom practices. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 632 Linking Pedagogy and Content

Credits: 3

Students examine and connect current research in learning to the content areas in order to develop effective instructional decisions. Students design teaching approaches and learning environments to meet the needs of learners and organizations. Additionally, students engage in the development of personal practice knowledge in the content area as they build a knowledge base of educational research, theory, and practice. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 633 Trends and Issues in Education

Credits: 3

Students will research and review literature on a variety of current issues, trends, and reform efforts in education. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 634 Educators as Change Agents

Credits: 3

Students explore multiple organizational theories and practices, compare and contrast those theories and practices, and assess their value in educational contexts. Students develop or engage in active leadership roles in their educational contexts. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 635 Content and Curriculum Development

Credits: 3

Students develop and refine curriculum using research-based design models. They research the connection between recent findings in human learning and how these findings translate into more effective curriculum design within their specific content area. Admission to Education Graduate program required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 636 Current Issues in Education

Credits: 3

Students will research and review literature on a variety of current issues, trends, and reform efforts in education using an historical context. Students will develop an advocacy position in an issue related to his/her specialty area.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 651 Practicum in Reading Instruction**Credits: 3**

This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 654 Professional Development through Collaboration**Credits: 3**

Students dialogue with his/her professional organizations, peers, parents, learners, and the community to investigate and generate contextually meaningful personal and social processes of learning and teaching. Students will investigate and develop skills in mentoring, peer coaching, organizational and group dynamics, paradigm theory, conflict resolution/negotiation skills, effective communication, collaboration, and consultation.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 662 Organization & Administration of Reading Programs**Credits: 3**

This course will focus on current research, trends, issues, federal and state initiatives, legislation, and resources related to the development, supervision, and administration of reading programs for Pre-K through adult learners. This course will also include censorship issues, textbook and trade-book adoption practices, assessment procedures, and integration of instructional technology, staff development and effective change strategies.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 670 Introduction to Leadership and Educational Issues**Credits: 3**

Students will explore aspects of leadership through use of questionnaires, leadership assessments, case studies, simulations, and reading. Each student will develop a personal leadership profile and professional development plan. In addition, research teams will explore and present on current issues in education.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 671 Portfolio Development**Credits: 1**

In this course students will explore the Minnesota Core Leadership Competencies and the competencies specific to each area of licensure for the Principal, Superintendent, and Special Education Director. Students will also review the national Interstate School Leadership Licensure Consortium (ISLLC) standards, which are aligned with the Minnesota Administrator competencies and which have been adopted by the SMSU Department of Education. Students will learn how an e-portfolio will be developed to demonstrate mastery of those competencies using the LiveText program. Students will participate in leadership skills assessments and evaluations to determine their current levels of competency. Students will develop an individual professional development plan (PDP) based on assessments results.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 672 Portfolio Implementation**Credits: 1**

In this course students will develop and design e-portfolio artifacts which demonstrate growth or mastery of the Minnesota Core Leadership Competencies and the competencies specific to each area of licensure for the

Principal, Superintendent, and Special Education Director and the national Interstate School Leadership Licensure Consortium (ISLLC) standards, which are aligned with the Minnesota Administrator competencies. Students will also develop and design portfolio artifacts specific to their own professional development plans.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 673 Portfolio Capstone

Credits: 1

In this course students will develop and design e-portfolio artifacts which demonstrate growth or mastery of the Minnesota Core Leadership Competencies and the competencies specific to each area of licensure including Principal, Superintendent, and Special Education Director and the national Interstate School Leadership Licensure Consortium (ISLLC) standards, which are aligned with the Minnesota Administrator competencies. Students will also develop and design portfolio artifacts specific to their own professional development plans.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 674 Education Systems and Organizations

Credits: 3

This course is designed to provide an understanding and overview of organization of educational systems, management, and leadership theory. Reflection, experiential activities, case studies, debates, simulations, and field studies will assist the student in developing and building decision-making, communication, and collaboration skills essential for the 21st Century administrator.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 675 Legal Issues and Special Education Law

Credits: 3

This course analyzes and reviews federal and state laws related to education. Legal issues which affect operation of school districts and schools will also be explored. Students will learn about case law, contract law, labor relations, district, and school policies. An overview of special education and related laws, policies, and procedures will be included. Students will be engaged in reflections, case studies, inbox activities, research projects, school policy reviews, and debates.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 676 Data Driven Decision Making

Credits: 3

The instructional leader is responsible for developing a vision of learning and establishing and implementing clear learning goals and assessments through collaboration with teachers and other stakeholders. Students will explore their own leadership skills and develop action plans for growth of self and others. The students will examine the learning climate within the school and use data to develop research-based instructional experiences to meet the needs of all learners.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 678 Instructional Leadership for all Learners

Credits: 3

The instructional leader is responsible for developing a vision of learning and establishing and implementing clear learning goals and assessments through collaboration with teachers and other stakeholders. Students will

explore their own leadership skills and develop action plans for growth of self and others. The students will examine the learning climate within the school and use data to develop research-based instructional experiences to meet the needs of all learners.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 679 Financial and Resource Management

Credits: 2

This course focuses on fiscal and human resource management. It includes budget allocation, planning, reporting and policies, and laws governing funding at the state, district, and school levels. It will also explore administrative technology applications and funding necessary to provide those resources. Participants will become familiar with a variety of technology applications and the Minnesota UFARS system. In addition, students will explore staffing, recruitment, selection, and termination processes.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 679 Financial and Resource Management

Credits: 3

This course focuses on fiscal and human resource management. It includes budget allocation, planning, reporting and policies, and laws governing funding at the state, district, and school levels. It will also explore administrative technology applications and funding necessary to provide those resources. Participants will become familiar with a variety of technology applications and the Minnesota UFARS system. In addition, students will explore staffing, recruitment, selection, and termination processes.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 680 Organizational Management & Leadership in Academic Settings

Credits: 3

This course provides students with a comprehensive overview of organization and management theory that will form the framework for sound organizational and management practices for administration in various academic settings. Emphasis: All academic levels and all C & I areas.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 681 Transforming Principal Perspectives

Credits: 2

This course will explore principal leadership with an emphasis on developing transformational leaders for 21st Century schools. Participants will learn about the world of the principal and practice and build skills essential for effective leadership. Exploration of topics relating to P-12 leadership will include: school climate, developing a vision and mission, instructional leadership and curriculum, staff motivation and professional development, scheduling and human resource management, communication with students, staff, parents and community, collaborative leadership, extracurricular programs, school safety and the many other hats the principal wears.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 681 Transforming Principals & Perspectives

Credits: 3

This course will explore principal leadership with an emphasis on developing transformational leaders for 21st Century schools. Participants will learn about the world of the principal and practice and build skills essential

for effective leadership. Exploration of topics relating to p-12 leadership will include: school climate, developing a vision and mission, instructional leadership and curriculum, staff motivation and professional development, scheduling and human resource management, communication with students, staff, parents and community, collaborative leadership, extracurricular programs, school safety and the many other hats the principal wears.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 682 Transforming Superintendents & Perspectives

Credits: 3

In this course students will explore and understand leadership theory and practice at the executive level. Looking beyond management, students will be immersed in the realities of practice and the specific leadership skills that create effective school systems. Practical topics which will be addressed include strategic planning, goal setting, decision making, budgeting, negotiations and collective bargaining, and effective

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 683 Transforming Special Education Director Perspectives and SPED Law

Credits: 3

This course will be a Director of Special Education (SPED) leadership course with an emphasis on developing transformational skills for the 21st century. Students will learn about the world of the Director of SPED and practice building skills to become an effective leader. Topics related to the director will include: special education finance, budgeting and accounting, available resources, monitoring of programs, governance and administration of policy, program development, and organizations that serve students and families with disabilities. This course will also provide a review of the state and federal laws governing Special Education in schools in the United States. It includes the legal cases which shaped today's laws in special education, a historical background of special education, a review of IDEA 2004 and due process, the requirements of NCLB and ESSA and the implications for Special Education students and SPED directors. Federal and state data privacy legislation and legislation relating to paraprofessionals will also be explored.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 684 Research Seminar & Field Exp 1: Principal, SPED Director, Superintendent

Credits: 2

ED 684 Research Seminar & Field Exp 1: Principal, SPED Dir., Supt., Ed Specialist

Credits: 3

Students seeking Administrative Licensure and either a Post-Masters Certificate or Ed Specialist degree will attend monthly seminars during their field experiences which will address their research and progress toward

licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Eighty (80) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **ED SPECIALIST:** Students will conduct original research and write a formal paper. They will present their work to their peers. A formal presentation and review of the research project will be required by their graduate committee for degree approval.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 685 Research Seminar & Field Exp 2: Principal, SPED Director, Superintendent **Credits: 2**

Students seeking Administrative Licensure will attend monthly seminars during their field experiences which will address progress toward licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Forty (40) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours associated with this internship. The field experience will include 40 hours or one week at a special education administrative unit other than the primary experience of the applicant. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours associated with this internship. The field experience must include 40 hours or one week at each level not represented by the applicant's primary teaching experience.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 685 Research Seminar & Field Exp 2: Principal, SPED Dir., Supt., Ed Specialist **Credits: 3**

Students seeking Administrative Licensure and either a Post-Masters Certificate or Ed Specialist degree will attend monthly seminars during their field experiences which will address their research and progress toward

licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Eighty (80) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship. **ED SPECIALIST:** Students will conduct original research and write a formal paper. They will present their work to their peers. A formal presentation and review of the research project will be required by their graduate committee for degree approval.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 686 Internship I- Superintendent

Credits: 3

To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 686 Research Seminar & Field Exp 3: Principal, SPED Director, Superintendent

Credits: 2

Students seeking Administrative Licensure will attend monthly seminars during their field experiences which will address progress toward licensure requirements. **PRINCIPAL:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing principal for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours. Because the Minnesota Administrative License is a K-12 license, student interns are also required to have practical experience in each of the three levels: elementary, middle school, and high school. A minimum of 160 hours should be in the area of expertise and/or current teaching background. Forty (40) hours will be required in each of the other two grade levels. **SPECIAL EDUCATION:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy 107 hours toward the completion of the required hours associated with this internship. The field experience will include 40 hours or one week at a special education administrative unit other than the primary experience of the applicant. **SUPERINTENDENT:** To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing superintendent for a minimum of 320 hours over the course of three semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately 107 hours toward the completion of the required hours associated with this internship. The field experience must include 40 hours or one week at each level not represented by the applicant's primary teaching experience.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 687 Ed Specialist Research**Credits: 3**

Qualified candidates for the Ed Specialist degree conduct action research (field study) in their licensure field and write a formal paper that is presented to a faculty review panel for final approval. The paper is organized according to the Action Research Structural Guidelines using the APA format.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 687 Internship II- Superintendent**Credits: 3**

Throughout the course of two consecutive semesters, the student intern will be required to demonstrate at the competent level in each of the Superintendent Competencies identified in the chart. Student interns, along with Mentoring Superintendents and the University Supervisor will identify specific activities that will assist in developing a level of competency that will be showcased in their portfolios. Students who fail to demonstrate a level of competence will be put on a growth plan, which will provide specific feedback for remediation and/or changes needed for improvement (see Internship Handbook). Students will be required to present their final portfolios at the end of the first semester and at the conclusion of the second semester of the internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 688 Internship I- Special Education Director**Credits: 3**

To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 689 Internship II- Special Education Director**Credits: 3**

To satisfy Minnesota Administrative Licensure requirements, student interns will work directly with a licensed and practicing special education director for a minimum of 320 hours over the course of two semesters, or twelve consecutive months. Therefore, for this course, it is expected that the student intern would satisfy approximately one-half or 160 hours toward the completion of the required hours associated with this internship.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 690 Research Design**Credits: 3**

This course will assist the graduate student in designing and implementing his or her action research project, the capstone activity for the presentation portfolio. Student projects, completed in ED 699, are intended to investigate professional practical issues or strategies for the purpose of self-improvement and /or improved student learning. This may include a study of his or her own practice, learning environments, and professional standards. Participants will identify a research focus and design, ethical practices, and review related literature. Students will produce the initial chapters of their action research project. The project proposal is committee reviewed and approved.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 691 Change Agents in the 21st Century**Credits: 2**

The purpose of this course is to develop the skills and understanding to lead change in the 21st century schools. In this course students will explore change theory and its application to the school and/or district.

Students will review, implement, and evaluate different change processes. Students will also design a comprehensive plan for a new change initiative.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

ED 691 Change Agents in the 21st Century

Credits: 3

The purpose of this course is to develop the skills and understanding to lead change in the 21st century schools. In this course students will explore change theory and its application to the school and/or district. Students will review, implement, and evaluate different change processes. Students will also design a comprehensive plan for a new change initiative.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 692 Graduate Project

Credits: 1 - 3

This course will assist the graduate student in completing the action research project, the capstone activity for the graduate program. This is a variable credit option intended for graduate students who have initiated the graduate project and are returning to complete their action research project. Candidates may enroll in up to 6 credits in graduate project. Candidates who have not taken credits in ED 692 should enroll in 699.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 693 Special Education Law for SPED Directors

Credits: 3

This course will provide a study of the state and federal laws governing Special Education in United States Schools. The course will include the Legal cases which shaped today's laws in special education, a historical background of special education, a review of IDEA 2004 and due process, the requirements of NCLB and the implications it has for Special Education students.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 695 Supervision and School Relationships

Credits: 3

Students in this course will examine models of supervision, professional development, pedagogical theory, and leadership. Students will develop an effective supervision model for a school. In addition, relationships and communication with internal and external publics will be explored.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 698 Ed Specialist Action Research and Paper

Credits: 0

This non-credit course will be offered to candidates who elect to earn the Ed Specialist Degree by completing an Action Research Project and a formal paper. Students will study research methods and action research design and will develop and conduct their field study research project in their selected area of administration, Principal, Special Education Director or Superintendent. Students will write a formal research paper following APA action research guidelines. Students will present their research to their graduate committee. A grade of B or higher is required. When completed, the Ed Specialist Degree will be posted on the final transcript and the student will receive the Ed Specialist Degree.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 699 Action Research Project

Credits: 3

Students demonstrate professional teaching standards through a presentation portfolio that includes completion of the action research project. During this seminar course, the student puts into action and

completes his or her project, which was developed in the research design course (ED 690). The data is analyzed, interpreted, and reported. Implications for future action research efforts are identified. The presentation portfolio and research project results are disseminated in a graduate seminar.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

ED 754 Advanced Research Based Analysis of Educational Leadership **Credits: 3**

Students will explore and research articles and books related to transformational educational leadership. In depth exploration of current issues related to education will be conducted. Students will interact with and use Web 2.0 technologies available for administrators and teachers. Students will also design their capstone field projects required for the Education Specialist program.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ED 755 Ed Specialist Field Based Research Project **Credits: 3**

Students will implement their capstone field research projects. They will write a formal research paper in action research format. They will present and defend their work to their peers and their graduate committee for final degree approval.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 200 Introduction to Special Needs Lab **Credits: 1**

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. This is intended for transfer students who need an introductory field experience. This is equivalent to the SPED 290 lab, which is 15 hours.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 286 Special Topics **Credits: 1 - 4**

SPED 290 Introduction to Special Needs and Lab **Credits: 3**

This course provides information on the various exceptionalities and facilitates understanding of the basic special needs education services provided to children with disabilities, and includes gifted and talented. Topics include federal and state mandates, planning with parents, team approaches, teaching methodologies, and curriculum modifications and adaptations. A portfolio, reflective journal, and field experience will assist students in valuing diversity and inclusion.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 304 Professional Development and Classroom Applications **Credits: 1**

This required course will help candidates in the Special Education teacher education program begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussion and activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience in a Special Education setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 304L Pre-Student Teaching Experience in SPED **Credits: 0 - 1**

Practicum

This required lab will provide guidance to teacher candidates as they complete 10 full days of Pre-Student Teaching Experience (PSTE) and Education Teacher Performance Assessment (EdTPA) requirements. Students will be required to actively participate in a school setting by teaching lessons and engaging in day-to-day functions of the classroom. Additionally students will complete Tasks 1, 2, and 3 of EdTPA.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 305 Action Research for Special Education with PSTE Lab Credits: 3

Teacher candidates will develop skills in interpreting and analyzing research. They will design an action research project that addresses an issue or problem within either their own or another teacher's classroom. Candidates will anecdotally explicate the issue, create a problem statement, form a research question, search and synthesize relevant literature related to the issue and potential solution, create an appropriate instructional plan, implement the plan in collaboration with a mentor teacher, collect and analyze data (progress monitoring), and detail results by relating implications to effective practice and for future consideration. A final presentation of artifacts and data will be made to education faculty and peers. This is a Writing-Intensive course. This course requires a mentored and clinically-rich, pre-student teaching experience of 50 hours.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 400 Field Experience in Special Education Credits: 0 - 2

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 430 Foundations in Mild to Moderate Disabilities Credits: 3

This course provides the characteristics and educational programming for mild to moderate disabilities, including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism spectrum disorders, traumatic brain injuries, and other health disorders.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 440 Assessment & Educational Planning & lab Credits: 4

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special education.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 450 Curriculum Design & Implementation in Special Education Credits: 3

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and

modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 460 Positive Behavior Support in Special Education Credits: 3

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 461 Behavior Management and Social Skills Instruction Credits: 3

Behavior Management and Social Skills Instruction, provides an examination of theories and methodology of classroom management and the psychosocial development of children and adolescents, especially those at high risk. Emphasis is on the elements of effective planning that prevent management problems, encourage intrinsic motivation to learn, and foster social competence of all children in the inclusive classroom.

Techniques of direct observation and functional behavior assessment will be presented. Direct observations and models will be applied. Students will receive in-depth exposure to and practice with research validated instructional practices appropriate for children with behavior disorders, social skills deficits, and those at risk for failure. Requires 15 hours of Field Lab.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 466 Student Teaching K-12 Special Education Credits: 12

Supervised semester long field experience, required for K-12 Special Education licensure fields, in kindergarten - Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference. Admission to Teacher Education program required.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 467 Advanced Student Teaching in Special Education Credits: 1 - 12

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. Additional weeks of supervised practice teaching in the area of Special Education in an elementary and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 468 Special Education Student Teaching for the PASP Program I Credits: 6

This is the first half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found

within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least one grade band.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 469 Special Education Student Teaching for the PASP Program II **Credits: 6**

This is the second half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least two grade bands.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 470 Collaboration in Educational Settings **Credits: 3**

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 480 Procedural Safeguards in Special Education **Credits: 3**

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 485 Autism Spectrum Disorders: Issues & Needs **Credits: 3**

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives,

social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of an partnership with parents.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 486 Special Topics

Credits: 1 - 4

SPED 490 Trends & Traditions in Special Education

Credits: 1

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 494 Independent Study

Credits: 1 - 4

This course allows students to do an in-depth, independent exploration of a topic for a better understanding in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 499 Internship

Credits: 1 - 6

This course involves on-the-job experience. It requires discussion of experience and problems with internship advisor, as well as significant oral and written reports summarizing the learning involved in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 500 Field Experience in Special Education

Credits: 1 - 8

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 530 Foundations in Mild to Moderate Disabilities

Credits: 3

This course provides the characteristics and educational programming for mild to moderate disabilities, including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism spectrum disorders, traumatic brain injuries, and other health disorders.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 540 Assessment & Educational Planning & Lab

Credits: 4

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special

education.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 550 Curriculum Design & Implementation in Special Education **Credits: 3**

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 560 Positive Behavior Support in Special Education **Credits: 3**

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 570 Collaboration in Educational Settings **Credits: 3**

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 580 Procedural Safeguards in Special Education **Credits: 3**

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 585 Autism Spectrum Disorders: Issues & Needs **Credits: 3**

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives, social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of a partnership with parents.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 586 Special Topics **Credits: 1 - 4**

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 590 Trends & Traditions in Special Education**Credits: 1**

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 600 Professional Development & Implementation**Credits: 1**

Students learn how to create an electronic portfolio to reflect their professional growth and development in Special Education. The portfolio will contain artifacts and written reflection from course work and practicum experiences.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 610 Professional Assessment and Review**Credits: 1**

Students create a final electronic portfolio to reflect their professional growth and development in Special Education. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 611 DD Professional Planning and Assessment**Credits: 1**

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Developmental Delay. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 613 EBD Professional Planning and Assessment**Credits: 1**

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Emotional Behavioral Disorders. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 614 LD Professional Planning and Assessment**Credits: 1**

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Learning Disabilities. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 620 Characteristics of Students with Learning & Behavior Disorders**Credits: 3**

This course covers the etiology and characteristics of children and youth with learning and behavior disorders. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated,

or medical conditions, and culturally or linguistically diverse students.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 621 Access and Support for Ind. with Moderate to Severe Dev. Disabilities **Credits: 3**

An examination of the best practices and procedures for meeting the developmental and learning needs of children and youth with developmental disabilities, including appropriate medical support and adaptive, augmentative, and/or assistive technologies.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 623 Characteristics of Students with Moderate to Emotional Behavior Disorders **Credits: 3**

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 624 Characteristics of Students with Moderate to Severe Learning Disabilities **Credits: 3**

This course covers the etiology and characteristics of children and youth with Moderate to Severe Learning Disabilities. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated, or medical conditions, and culturally or linguistically diverse students and the collaboration needed for student success.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 625 Applied Research and Assessment in Education **Credits: 3**

Students will learn and apply education research and assessment as a means of analyzing and improving teaching and the learning of content. Students will use their findings to enhance the scholarship of teaching and learning.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 626 Research: Project Design **Credits: 3**

Students identify an issue of interest to their professional development. The issue may include, but is not limited to, instructional, organizational, or community processes related to their practice or content area. Students develop a research project designed to improve, implement or understand the issue identified. Admission to Special Education Graduate Program is required.

Pre-Requisites: ((SPED_625)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 627 Research Project Implementation **Credits: 2**

Students implement and complete their research project

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 641 Life Span Learning & Outcomes for Individuals w/ Mod to Severe Dev Disabil **Credits: 3**

A study of the cognitive, social, motor, communication, and affective behavior and needs of children, youth, and adults with moderate to severe developmental disabilities, including transition needs and independent living, safety, leisure, and vocational programming.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 642 Programming & Assessment in Early Childhood Programming for ECSE: Birth to 6 **Credits: 3**

Current research and recommended practices for early intervention will guide the study of the methods and materials employed with infants and young children, birth through age 6.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 643 Behavior Management & Teaching Strategies **Credits: 3**

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 644 Teaching & Achievement Strategies for Learning Disabilities **Credits: 3**

A study of the theories, content, methods, and materials for delivery of instruction for students with learning disabilities and differences. Procedures to deliver individualized instruction, develop and/or modify instructional materials, and adapt to various instructional models are developed and practiced.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 670 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 1-3 **Credits: 3**

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching children with autism spectrum disorders in birth through age 21 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 673 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 1-3 **Credits: 3**

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching

children with emotional/behavioral disorders in grades K-12 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 674 LD: Practicum in Learning Disabilities in grades K-12, Credits: 3 Levels 1-3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children with learning disabilities in grades K-12 settings across levels 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 680 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Credits: 3 Levels 3-4

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching children with autism spectrum disorders in birth through age 21 settings across levels 3 to 4 3 (moderate to severe disability levels). Students must be enrolled in or have successfully completed one of the following courses: SPED 686, SPED 687, or SPED 688

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 681 DD Practicum in SPED:Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Primary (K-4)/Middle Level(5-8) educational setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 682 ECSE Practicum in Special Education: Birth - 3 years Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a home-based and center-based educational setting for infants/toddlers/preschool through age three.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 683 EBD Practicum in SPED: Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 683 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 3-4 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children with emotional/behavioral disorders in grades K-12 settings across levels 3 to 4 (moderate to severe disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 684 LD Practicum in SPED:Primary(K-4)/Middle Level (5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 686 Autism Spectrum Disorders:Assessment & Programming Credits: 3

This course covers assessment, eligibility criterion, programming, and transition plans for individuals with ASD. Generalization of skills to natural environments is included.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 687 Autism Spectrum Disorders: Communication & Social Skills Credits: 3

This course covers the communication needs and supports for individuals with ASD and their relationship to social skill development. The impact of cultural and linguistic diversity is included.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 688 Autism Spectrum Disorders: Behavioral & Instructional Strategies Credits: 3

This course covers factors that affect behavior in individuals with ASD. This includes research-based methods, proactive strategies, and positive behavioral supports. Includes a field experience.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 691 DD Practicum inSPED:Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Middle Level(5-8)/High School (9-12) educational setting or adult individual, including transition programs

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 692 ECSE Practicum in Special Education:4 years to 1st grade Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a center-based educational setting for preschoolers, kindergarteners, & 1st graders.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 694 LD Practicum in SPED:Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Middle Level (grades 5-8) and High School (9-12) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

TESL 304 Professional Development & Classroom Applications Credits: 1

This required course will help the teacher education student begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussions and activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience (all majors).

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 304L Pre-Student Teaching Experience in TESL Practicum Credits: 0 - 1

This lab will allow teacher candidates a 10-day classroom experience in preparation for student teaching with the implementation of the edTPA - Teacher Performance Assessment.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 431 Foundations of Teaching ESL & Lab Credits: 3

This course is designed to introduce TESL teacher candidates to fundamental theories in the field of teaching ESL. The course builds a foundation of understanding of English learners and topics impacting the academic experiences of language minority students in the United States. TESL teacher candidates will participate in a 15 hour lab field experience with focus on culturally and linguistically diverse learners. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 432 Understanding Second Language Acquisition Credits: 3

This course is designed to provide an overview of second language acquisition, focusing on communication, pattern, and variability. Through research and practical applications, TESL teacher candidates will develop an understanding of native language acquisition and second language acquisition as well as the impact on the academic setting for ELs, including linguistic, cognitive, social, and affective factors. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

TESL 433 Assessment in TESL Credits: 3

This course is designed to focus on assessment of English learners across all content areas. TESL teacher

candidates will research, develop, and implement effective assessments for ELs to determine language proficiency as well as academic competency. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_431) OR (ED_431) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

TESL 434 Second Language Literacy & Linguistics **Credits: 3**

This course is designed to focus on literacy skills: listening, speaking, reading, writing, viewing, and visually representing with an emphasis on linguistics. TESL teacher candidates will consider first and second language acquisition as well as linguistics in efforts to improve the literacy process for ELs. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_431) OR (ED_431) **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

TESL 435 TESL Methods & Lab **Credits: 3**

This course is designed to provide TESL teacher candidates opportunities to create, implement, and reflect on the teaching and learning process regarding the integration of content and language instruction. Teacher candidates will consider best practices in the field of ESL including strategies and methods based on evidence. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_431) OR (ED_431) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

TESL 436 TESL Partnerships **Credits: 3**

This course is designed to provide TESL teacher candidates with opportunities to focus on standards and principles of ESL while considering community partnerships and involvement of ESL stakeholders. This course has a community component, which requires experiences outside the class teacher candidates develop and implement a plan of action to demonstrate planning, commitment, and involvement with ESL stakeholders. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 437 TESL Practicum **Credits: 3**

This practicum is the capstone of the MN K-12 Teacher of ESL Licensure program. Placements will focus on the elementary, middle, and secondary levels. TESL teacher candidates must complete licensure coursework before enrolling in the TESL Practicum. This should be the final term of the TESL teacher candidates program. Approval by instructor required. Course may be concurrently taken with ED 433/533 Assessment in TESL

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

TESL 466 Student Teaching in TESL; K-12 & Seminar **Credits: 12**

Supervised semester-long field experience, required for K-12 licensure fields, in Kindergarten-Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher

Education program outcomes and present a portfolio at a final conference.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

TESL 467 Advanced Student Teaching in TESL-Teaching English as a Second Language **Credits: 1 - 12**

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field providing additional weeks of supervised practice teaching in the area of TESL in an elementary, middle, and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

TESL 531 Foundations of Teaching ESL & Lab **Credits: 3**

This course is designed to introduce TESL teacher candidates to fundamental theories in the field of teaching ESL. The course builds a foundation of understanding of English learners and topics impacting the academic experiences of language minority students in the United States. TESL teacher candidates will participate in a 15 hour lab field experience with focus on culturally and linguistically diverse learners. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 532 Understanding Second Language Acquisition **Credits: 3**

This course is designed to provide an overview of second language acquisition, focusing on communication, pattern, and variability. Through research and practical applications, TESL teacher candidates will develop an understanding of native language acquisition and second language acquisition as well as the impact on the academic setting for ELs, including linguistic, cognitive, social, and affective factors. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

TESL 533 Assessment in TESL **Credits: 3**

This course is designed to focus on assessment of English learners across all content areas. TESL teacher candidates will research, develop, and implement effective assessments for ELs to determine language proficiency as well as academic competency. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_531) OR (ED_531) and graduate status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

TESL 534 Second Language Literacy & Linguistics **Credits: 3**

This course is designed to focus on literacy skills: listening, speaking, reading, writing, viewing, and visually representing with an emphasis on linguistics. TESL teacher candidates will consider first and second language

acquisition as well as linguistics in efforts to improve the literacy process for ELs. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_531) OR (ED_531) and graduate status. **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

TESL 535 TESL Methods & Lab

Credits: 3

This course is designed to provide TESL teacher candidates opportunities to create, implement, and reflect on the teaching and learning process regarding the integration of content and language instruction. Teacher candidates will consider best practices in the field of ESL including strategies and methods based on evidence. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Pre-Requisites: (TESL_531) OR (ED_531) and graduate status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

TESL 536 TESL Partnerships

Credits: 3

This course is designed to provide TESL teacher candidates with opportunities to focus on standards and principles of ESL while considering community partnerships and involvement of ESL stakeholders. This course has a community component, which requires experiences outside the class teacher candidates develop and implement a plan of action to demonstrate planning, commitment, and involvement with ESL stakeholders. The required preparation includes two years of HS foreign language or one year of foreign language in a post-secondary setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

TESL 537 TESL Practicum (Teaching ESL Practicum)

Credits: 3

This practicum is the capstone of the MN K-12 Teacher of ESL Licensure program. Placements will focus on the elementary, middle, and secondary levels. TESL teacher candidates must complete licensure coursework before enrolling in the TESL Practicum. This should be the final term of the TESL teacher candidates program. Approval by instructor required. Course may be concurrently taken with ED 433/533 Assessment in TESL.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

English

Department Office: BA 221
Phone Number: 507-537-7155
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4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Communication Arts & Literature Education, English](#)

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[Bachelor of Arts: English, Creative Writing Emphasis](#)

[Download MAP](#)

[Bachelor of Arts: English, Literature Emphasis](#)

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[Bachelor of Arts: Professional Writing and Communication](#)

[Download MAP](#)

English plays a critical role in contemporary society, both as a tool for understanding and creating culture and as a means of communicating in the professional world beyond graduation. Students who major in English will develop their abilities to recognize and prefer good literature, to respond to written works intelligently and sensitively, and to create a variety of texts of their own. Open to students of English are careers in secondary and higher education, publishing, technical communication, public relations, journalism and business.

No courses with “C-” grades will count towards the major. Students must have a “B-” or better in all MnTC Goal 1 (Communication) requirements. An overall GPA of 2.5 in the major courses is necessary for graduation. Students should choose the letter grade option for all major courses, except for Senior Seminar, which is credit/no credit.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: English(41 Credits)

I. Creative Writing Core: (6 Credits)

ENG 207	Writers' Workshop _____	Credits: 3
ENG 420	Copy Editing _____	Credits: 3

II. Literature Core: (18 Credits)

LIT 250	Critical Approaches to Literature _____	Credits: 3
LIT 306	Craft and Theory: Prose and Poetry _____	Credits: 3

One British Literature course:

LIT 321	British Literature: Beginning through Restoration and 18th Century _____	Credits: 3
LIT 322	British Literature: Nineteenth and Twentieth Century _____	Credits: 3

One American Literature course:

LIT 331	American Literature: Beginning through Realism and Naturalism _____	Credits: 3
LIT 332	American Literature: Modern & Contemporary _____	Credits: 3

Literature Electives:

LIT 3XX	LIT courses 300 level or above. _____	Credits: 6
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III. Capstone Course (2 Credits)

ENG 495	Senior Capstone _____	Credits: 2
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IV. Emphasis Areas: (Choose one) (15 Credits)

A. Creative Writing Emphasis:

Writing Workshops:

ENG 301	Poetry Workshop _____	Credits: 3
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ENG 302	Fiction Workshop _____	Credits: 3
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Advanced Workshop (choose one):

ENG 401	Advanced Poetry Workshop _____	Credits: 3
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ENG 404	Advanced Fiction Workshop _____	Credits: 3
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Two Elective Workshops:

ENG 200	Student Publications _____	Credits: 1 - 3
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ENG 204	Introduction to Journalism _____	Credits: 3
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ENG 303	Writing for Stage and Screen _____	Credits: 4
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ENG 305	Creative Non-Fiction Workshop _____	Credits: 3
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ENG 410	Advanced Journalism _____	Credits: 3
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ENG 488	Techniques in Craft _____	Credits: 1 - 4
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B. Literature Emphasis

Writing Requirement:

ENG 361	Advanced Composition _____	Credits: 3
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English Language Requirements

ENG 365	Modern Grammar _____	Credits: 3
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Choose one course:

ENG 3XX	English Course 300 or higher _____	Credits: 3
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LIT 3XX	Any Literature course 300 or higher _____	Credits: 3
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Notes:

Note: Students may take any 300-400 level course from another discipline as approved by the student's advisor. Recommended are courses in PHIL, HIST, or a foreign language. Please consult with advisor.

Literature Requirements:

Genre Course (choose one):

LIT 261	Novel _____	Credits: 3
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LIT 262	Short Story _____	Credits: 3
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LIT 263	Poetry _____	Credits: 3
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LIT 264	World Drama _____	Credits: 3
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Diversity Literature Course (choose one):

LIT 335	African American Literature _____	Credits: 3
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LIT 340	Sexuality and Gender in Literature _____	Credits: 3
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LIT 355	Native American Literature _____	Credits: 3
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LIT 375	Women's Literature _____	Credits: 3
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Bachelor of Arts: English Notes:

Restrictions: Total number of credits for sections III and IV combined must be 17 credits. An overall total of 24 credits of ENG or LIT must be at the 300- or 400-level. Note: The University Graduation Requirement is 40 credits at the 300- and 400-level.

Total Credits:	41
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Bachelor of Science: Communication Arts & Literature Education, English*(45 Credits)**I. Literature/English Requirements: (27 Credits)**

ENG 361	Advanced Composition _____	Credits: 3
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ENG 365	Modern Grammar _____	Credits: 3
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ENG 490	Contemporary Composition Theory and Pedagogy _____	Credits: 3
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LIT 250	Critical Approaches to Literature _____	Credits: 3
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LIT 410	Literacy & Literature for Adolescents _____	Credits: 3
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One of the following courses:

LIT 261	Novel _____	Credits: 3
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LIT 262	Short Story _____	Credits: 3
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LIT 263	Poetry _____	Credits: 3
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LIT 264	World Drama _____	Credits: 3
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One British Survey Course:

LIT 321	British Literature: Beginning through Restoration and 18th	
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Century _____	Credits: 3
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LIT 322 British Literature: Nineteenth and Twentieth Century _____ Credits: 3

One American Survey Course:

LIT 331 American Literature: Beginning through Realism and Naturalism _____ Credits: 3

LIT 332 American Literature: Modern & Contemporary _____ Credits: 3

One of the following courses with a diversity designation:

LIT 335 African American Literature _____ Credits: 3

LIT 340 Sexuality and Gender in Literature _____ Credits: 3

LIT 355 Native American Literature _____ Credits: 3

LIT 375 Women's Literature _____ Credits: 3

II. Communications Requirements: (15 Credits)

COMM 200 Small Group Communication _____ Credits: 3

COMM 220 Storytelling in Modern Communication _____ Credits: 3

COMM 230 Interpersonal Communication _____ Credits: 3

COMM 330 Mass Media and Society _____ Credits: 3

COMM 356 Argumentation and Debate _____ Credits: 3

COMM 450 Secondary Teaching Methods: Speech Communication _____ Credits: 3

Bachelor of Science: Communication Arts & Literature Education, English* Notes:

NOTE: This degree when coupled with professional education requirements can be used to obtain 5-12 education licensure in Communication Arts and Literature from the Minnesota State Board of Teaching. Please see the [Education Department](#) for current licensure requirements. This degree has an emphasis in English. Licensure may also be obtained with an emphasis in Speech; see the [Communications Studies](#) section.

Total Credits: **45**

Bachelor of Arts: Professional Writing and Communication(41 Credits)

College graduates with professional writing and communication skills pursue career opportunities in a variety of fields such as journalism, periodical and book publishing; software publishing; advertising and related services; computer systems design and related services; corporate communications; corporate training; government agencies and other not-for-profit agencies. The Professional Writing and Communication (PWC) Major prepares students for these careers by offering a balance of writing, rhetoric, and communication courses in a liberal arts context. These courses are designed to help students become flexible thinkers, writers, and communicators with the ability to write and communicate in a variety of contexts and environments, including electronic ones. The curriculum consists of core courses in writing, journalism, oral and visual communication, rhetoric, history, and electives in business, politics, ethics, public relations, computer science and psychology, all of which will prepare students to be successful communicators in a variety of contexts.

I. Written Communication Core: (23 Credits)

ENG 204 Introduction to Journalism _____ Credits: 3

ENG 289 Introduction to Professional Writing _____ Credits: 1

ENG 331 Business Communications _____ Credits: 3

ENG 360 Scientific & Technical Writing _____ Credits: 3

ENG 420 Copy Editing _____ Credits: 3

ENG 460 Writing and New Media _____ Credits: 4

Choose 6 credits, two or more different courses from the following:

COMM 260 Media Writing _____ Credits: 3

ENG 200 Student Publications _____ Credits: 1 - 3

ENG 305 Creative Non-Fiction Workshop _____ Credits: 3

ENG 361 Advanced Composition _____ Credits: 3

ENG 410 Advanced Journalism _____ Credits: 3

ENG 480 Tutoring Writing _____ Credits: 1

ENG 490 Contemporary Composition Theory and Pedagogy _____ Credits: 3

ENG 499 Internship _____ Credits: 1 - 12

II. Oral Communication Core: (6 Credits)

COMM 303 Professional Presentations _____ Credits: 3

One of the following:

COMM 310	Persuasion _____	Credits: 3
COMM 330	Mass Media and Society _____	Credits: 3
COMM 360	Organizational Communication _____	Credits: 3
COMM 410	Communication Analysis _____	Credits: 3

III. Visual Communication Core: (6 Credits)

ART 240	Concepts of Graphic Design _____	Credits: 3
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Choose one:

ART 100	Introduction to Visual Arts _____	Credits: 3
ART 102	Foundations of Art & Design 2D _____	Credits: 3
ART 103	Foundations of Art and Design 3D _____	Credits: 3

IV. Professional Expertise Area

Notes:

It is highly recommended that students, in consultation with their advisor, select a major or minor to pair with the PWC degree. Possible areas may include, but are not limited to: public relations, broadcasting & digital media, accounting, management, marketing, computer science, natural sciences, or graphic design.

V. History and Theory (6 Credits)

ENG 492	Theory & Practice of Professional Writing _____	Credits: 3
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Choose one:

ENG 362	History & Structure of the English Language _____	Credits: 3
ENG 365	Modern Grammar _____	Credits: 3

Bachelor of Arts: Professional Writing and Communication Notes:

The Minnesota Transfer Curriculum and Professional Writing and Communication Prerequisites provide preparation for the upper level courses of the Professional Writing Major.

Majors should choose A–F grading option for major courses. Majors must also plan to take 40 credit hours at the 300- or 400-level. Majors may meet this requirement by making careful selections within the major OR by taking upper-division electives.

Total Credits: **41****Minor: Literature(22 Credits)****I. Literature Requirements**

LIT 250	Critical Approaches to Literature _____	Credits: 3
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One of the following:

LIT 261	Novel _____	Credits: 3
LIT 262	Short Story _____	Credits: 3
LIT 263	Poetry _____	Credits: 3
LIT 264	World Drama _____	Credits: 3

One Survey Course:

LIT 321	British Literature: Beginning through Restoration and 18th Century _____	Credits: 3
LIT 322	British Literature: Nineteenth and Twentieth Century _____	Credits: 3
LIT 331	American Literature: Beginning through Realism and Naturalism _____	Credits: 3
LIT 332	American Literature: Modern & Contemporary _____	Credits: 3
LIT 370	Contemporary World Literature _____	Credits: 3

II. Writing Requirements:

Notes:

One of the following:

ENG 207	Writers' Workshop _____	Credits: 3
ENG 301	Poetry Workshop _____	Credits: 3
ENG 302	Fiction Workshop _____	Credits: 3
ENG 303	Writing for Stage and Screen _____	Credits: 4
ENG 304	Special Projects _____	Credits: 1 - 4
ENG 305	Creative Non-Fiction Workshop _____	Credits: 3

ENG 360	Scientific & Technical Writing _____	Credits: 3
ENG 361	Advanced Composition _____	Credits: 3
ENG 401	Advanced Poetry Workshop _____	Credits: 3
ENG 404	Advanced Fiction Workshop _____	Credits: 3
ENG 410	Advanced Journalism _____	Credits: 3

III. Literature Elective Courses:

LIT 3XX	LIT courses 300 level or above. _____	Credits: 6
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Minor: Literature Notes:

Nine credits of the total must be additional credits at the 300- or 400-level not already used in another major. Eleven credits of the total, including the nine additional ones, must be SMSU credits.

Total Credits: **22**

Minor: Writing(19-21 Credits)**Choose one of the following options:****I. Creative Writing Option: (20 Credits)**

Required Course:

ENG 207	Writers' Workshop _____	Credits: 3
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Choose at least 12 credits:

Notes:

The same workshop may not be repeated for credit in the minor.

ENG 301	Poetry Workshop _____	Credits: 3
ENG 302	Fiction Workshop _____	Credits: 3
ENG 303	Writing for Stage and Screen _____	Credits: 4
ENG 305	Creative Non-Fiction Workshop _____	Credits: 3
LIT 306	Craft and Theory: Prose and Poetry _____	Credits: 3

Choose at least four credits:

ENG 401	Advanced Poetry Workshop _____	Credits: 3
ENG 404	Advanced Fiction Workshop _____	Credits: 3
ENG 486	Advanced Topics in Writing _____	Credits: 1 - 4

II. Professional Writing and Communication Option: (19 Credits)

Required Course:

ENG 204	Introduction to Journalism _____	Credits: 3
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Choose at least three credits:

COMM 260	Media Writing _____	Credits: 3
ENG 200	Student Publications _____	Credits: 1 - 3
ENG 305	Creative Non-Fiction Workshop _____	Credits: 3
ENG 331	Business Communications _____	Credits: 3

Choose at least three credits:

ENG 362	History & Structure of the English Language _____	Credits: 3
ENG 365	Modern Grammar _____	Credits: 3
ENG 420	Copy Editing _____	Credits: 3

Choose at least nine credits:

ENG 360	Scientific & Technical Writing _____	Credits: 3
ENG 361	Advanced Composition _____	Credits: 3
ENG 410	Advanced Journalism _____	Credits: 3
ENG 460	Writing and New Media _____	Credits: 4
ENG 480	Tutoring Writing _____	Credits: 1
ENG 492	Theory & Practice of Professional Writing _____	Credits: 3

ENG 499 Internship

Credits: 1 - 12

Minor: Writing Notes:

* At least 12 credits must be at the 300 or 400 level.

Total Credits: **19-21****Course Descriptions****ENG 099 Introduction to Academic Writing****Credits: 3**

This course is designed to prepare students for writing at the college level in ENG 151, Academic Writing. Students will write essays and learn about the conventions expected of college-level writing. Students will be required to attend Writing Center help sessions. This course is required of students identified through placement procedures of the University or the English Department.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A***ENG 107 Introduction to Creative Writing****Credits: 3**

This course is designed to introduce students to the art and crafting of creative writing. Students will be asked to analyze and compose their own prose and poetry. Though this is not a 'workshop,' students will have the opportunity to share and receive feedback on their work.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion***ENG 151 Academic Writing****Credits: 4**

This course will enable students to determine a writing purpose, generate ideas to support a topic, determine an audience, develop a focus, and organize a written text. At least two papers will involve a research component through which students begin to learn the conventions of citation and documentation. Furthermore, the class will enable students to learn how purpose and audience affect the content, language, and form of a written text. The English program reserves the right to remove students from the course who do not meet the prerequisites.

Goal: 01- Communication

Pre-Requisites: (ENG_099) with C or better or (a score of 18 on ACT English) or (a score of 78 on Accuplacer Reading) and (a score of 480 on SAT Evidence-Based Read/Write Comp) or (a score of 440 on test OLD-SAT Writing) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

ENG 200 Student Publications**Credits: 1 - 3**

This course is open to students who work on the student newspaper and/or the student literary magazine.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A***ENG 204 Introduction to Journalism****Credits: 3**

This course is an introductory level course for students interested in journalism. The course introduces students to markets, styles, and audiences for non-fiction writing, focusing on writing of articles for all print journalism. The course may be repeated once for credit.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A***ENG 207 Writers' Workshop****Credits: 3**

This course is designed for students interested in writing poetry and fiction. Assumes the student has had an introductory course in creative writing.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ENG 251 Writing in Professions**Credits: 3**

This course builds upon skills developed in ENG 151 - including research, critical writing, information literacy, and argument/persuasion - while introducing students to the genres of writing most applicable to their desired majors and professional careers. Students are advised to take this course during their sophomore year.

Goal: 01- Communication

Pre-Requisites: (ENG_151) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

ENG 286 Spec Topics in Writing**Credits: 1 - 4**

These courses are studies in writing topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 288 Techniques in Craft:**Credits: 1 - 4**

Techniques in Craft is a specialized workshop offered on particular topics of writing. Generally offered in the two-hour format, the content varies depending on semester and professor. Example topics: graphic novels, dialog, and science fiction. Class may include some work-shopping of student work. Open to non-majors.

Pre-Requisites: (ENG_207) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ENG 289 Introduction to Professional Writing**Credits: 1**

This course is designed to introduce students interested in majoring in Professional Writing and Communication to this field of study. Topics covered in the course include: defining professional writing and its career paths, exploring trends and scholarship in professional writing, creating and keeping a professional writing portfolio, and planning a career path in professional writing. This course is open to any students who have an interest in professional writing and is a required course for all Professional Writing and Communication majors.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

ENG 301 Poetry Workshop**Credits: 3**

This course is for students interested in writing poetry. Students' written work is the subject for the course. The course may be repeated up to a maximum of 8 credits.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

ENG 302 Fiction Workshop**Credits: 3**

This course is open to students interested in writing fiction. Students' written work is the subject for the course. The course may be repeated up to a maximum of 8 credits.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

ENG 303 Writing for Stage and Screen**Credits: 4**

This course is for students interested in writing screenplays and stage plays. Students' written work is the subject of the course. The course may be repeated up to a maximum of 8 credits.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

ENG 304 Special Projects

Credits: 1 - 4

This course involves advanced work, primarily tutorial, and an individual writing project of some complexity.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 305 Creative Non-Fiction Workshop

Credits: 3

This course is for all students who are interested in writing literary non-fiction. Assigned readings and students' written work will form the basis of this writing workshop. The course may be repeated up to a maximum of 8 credits.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

ENG 331 Business Communications

Credits: 3

The analysis, interpretation, presentation, and effective writing of letters, memos, reports, and other types of business documents.

Pre-Requisites: (ENG_251) OR (PHIL_303) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ENG 360 Scientific & Technical Writing

Credits: 3

This course introduces students to the field of technical communication and some of its underlying principles (audience analysis, ethics, document design.) Students will produce and workshop a variety of practical documents, including a resume and cover letter, a summary of a scholarly article, a set of instructions, a Web site, a proposal, and a report.

Pre-Requisites: (ENG_251) OR (PHIL_303) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

ENG 361 Advanced Composition

Credits: 3

This course builds upon skills developed in the first-year and sophomore LEP writing sequence courses. The focus in this course is on advanced argumentation and persuasion for an argument's intended audience and purpose. Students will engage in critical reading and evaluation activities in addition to research and writing. In addition to being required of certain majors, this course is useful for students planning to go to graduate school or law school and is open to students of any major.

Pre-Requisites: (ENG_151 AND ENG_251) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ENG 362 History & Structure of the English Language

Credits: 3

Required of all Literature majors and open to non-majors, this course reviews the history and structure of the English language and studies the process by which English and other languages change. Emphasis will be on

the history, structure, and semantics of English with a review of sounds, spelling, grammar, and vocabulary.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 365 Modern Grammar

Credits: 3

This course, required of all Communication Arts and Literature/Secondary Education majors, but open to all English majors and minors and non-majors, introduces students to the study of linguistics and focuses on the analysis of grammar and syntax. Students will learn and apply different theories of grammar and will explore language change and choices.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ENG 401 Advanced Poetry Workshop

Credits: 3

This course is for students who seek experience in writing poetry beyond the introductory level. The course may be repeated up to a maximum of 8 credits.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

ENG 404 Advanced Fiction Workshop

Credits: 3

This course is for students who wish to continue writing and studying fiction beyond the introductory level. The course may be repeated up to a maximum of 8 credits.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

ENG 410 Advanced Journalism

Credits: 3

This course is for students who have taken Introduction to Journalism and wish to research and write articles beyond the introductory level for traditional print and online newspapers as well as print and online magazines. Course will include story development, in-depth news and feature writing, crime reporting, journalism ethics and libel law, and portfolio preparation.

Pre-Requisites: ((ENG_204)) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 420 Copy Editing

Credits: 3

This course provides students with an introduction to and practice in professional copy editing. This course will expose students to topics including, but not limited to, copy editing symbols and techniques, editing for layout and design, and editing for publication.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

ENG 460 Writing and New Media

Credits: 4

This class introduces students to the theory and practice of new media and asks how such technologies have changed the realities of writing creatively, academically, and professionally. We will explore questions like

the history, definition, and characteristics of new media; the nature of hypertext and its implications for the writing process; the integration of text with sound and graphics; and the implications of digital media for civil society and civic engagement.

Pre-Requisites: (ENG_360) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

ENG 480 Tutoring Writing

Credits: 1

In this class students will be introduced to basic composition, conferencing, and tutoring theory and methods. Students will learn writing process theory, identification and prioritization of writing concerns, how to adapt to different writers' needs, and basic conferencing communication skills. Students in this class will tutor in the Writing Center as part of their course requirements.

Pre-Requisites: (ENG_151) and junior status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

ENG 486 Advanced Topics in Writing

Credits: 1 - 4

These courses are advanced studies in writing topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 488 Techniques in Craft

Credits: 1 - 4

Techniques in Craft is a specialized workshop offered on particular topics of writing. Generally offered in the two-hour format, the content varies depending on semester and professor. Example topics: graphic novels, dialog, and science fiction. Class may include some work-shopping of student work. Open to non-majors. May be repeated for a maximum of 6 credits, but only a total of 4 credits can count in the English or Professional Writing majors.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 490 Contemporary Composition Theory and Pedagogy

Credits: 3

The primary purpose of this course is to provide students with theoretical knowledge about how to teach writing. Students will read a variety of materials regarding composition theory and pedagogy, with the goal of developing their own philosophy about the teaching of writing. As a means of helping them to develop this philosophy, and in order for them to develop greater awareness and understanding of the writing process, students in this course will also be required to tutor in the Writing Center for course credit. This course is the capstone course for Communication Arts and Literature/Secondary Education majors.

Pre-Requisites: (ENG_151) and junior status. **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

ENG 492 Theory & Practice of Professional Writing

Credits: 3

In this course students will develop and revise a portfolio of professional works. Students will learn about the history and dynamic nature of the professional writing field by exploring its ethical and social dimensions as

well as synthesizing what has been learned in past classes about written, oral, and visual communication elements. This course is the capstone course for Professional Writing and Communication majors.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

ENG 494 Direct Studies in Writing

Credits: 1 - 4

Independent work is available only to students with special needs or exceptional ability.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 495 Senior Capstone

Credits: 2

This course is the required capstone all English majors in the concentrations of Literature and Creative Writing. On the Lit side, it requires an independent study based on the student's chosen area of Lit (a major figure or particular period, for instance). On the CW side, it requires assembling and revising a substantial and representative portfolio of the student's best work in fiction, non-fiction, poetry, screenwriting, and/or essays, along with an introductory critical essay about the student's study of writing. As part of the creative writing capstone, this class culminates in a required public reading from the student's portfolio.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ENG 499 Internship

Credits: 1 - 12

The internship is designed for students who wish to do internships in writing-related fields such as publishing, journalism, professional writing, or other areas as approved by the department.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENG 586 Special Topics in Composition and Rhetoric

Credits: 1 - 4

This is an advanced study in topics of interest. Consult the semester schedule of classes for the selected topic for a given term. Up to 4 credits of any Special Topics may be applied to a graduate degree with permission of the English Department and the Graduate Dean.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

ENG 656 Minnesota Writing and English Practicum

Credits: 1

This five-week course offers one graduate credit in English, and requires at least one full day of attendance at the annual Minnesota Writing and English conference. Students will choose a concept presented at the conference as a research focus for the course, and then produce an annotated bibliography of fifteen peer-reviewed journal articles and a formal research paper at least fifteen pages in length. This course may be repeated two times, so long as the concept(s) explored differ significantly enough to require completely new research each time the course is repeated.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ENG 670 Digital Writing Seminar

Credits: 4

A graduate course in which students will learn some of the key issues related to digital writing; understanding effective digital writing environments and assignments for students; evaluate digital writing tools for

particular pedagogical and writing goals; and develop pedagogically-sound assessment procedures for digital writing assignments.

Course Frequency: *Fall: N/A Spring: N/A Summer: Dept Discretion*

ENG 675 Rhetoric, Literacy, and the Teaching of Writing **Credits: 4**

This course provides graduate students with an introduction to concepts integral to the discipline of rhetoric and composition. By exploring the terms rhetoric, literacy, and composition, students will be exposed to the fairly recent development of the study of written discourse as a key area within the broader field of English studies. Students will also have the opportunity to apply these concepts to the history and practice of teaching and assessing writing.

Course Frequency: *Fall: N/A Spring: N/A Summer: Dept Discretion*

ENG 680 Autoethnography and the Teaching of Writing **Credits: 2**

This is a graduate writing course that introduces students to the research method of autoethnography. Students will have the opportunity to learn how the self-reflexive practice of autoethnography can be used as valid means for studying the efficacy of the self in a professional context such as a classroom. Students will be required to apply this learning by authoring an autoethnographic study related to some aspect of their work as English teachers, tutors, students or scholars.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENG 686 Special Topics in Composition and Rhetoric **Credits: 1 - 4**

This is an advanced study in topics of interest. Consult the semester schedule of classes for the selected topic for a given term. Up to 4 credits of any Special Topics may be applied to a graduate degree with permission of the English Department and the Graduate Dean.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT 100 Literature: Human Diversity **Credits: 3**

This course introduces students to multicultural literature in the U.S. Students read works that explore a range of socio-cultural identities or experiences, such as "race"/ethnicity, class, gender, sexuality, and disability. This course does not count toward a Literature or Creative Writing major.

Goal: 06- Humanities/Fine Arts 07- Human Diversity **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

LIT 120 Introduction to Literature **Credits: 3**

This course will deepen students' understanding and appreciation of literature as an art form as well as to strengthen students' ability to read short stories, poems, novels and drama for meaning. This course does not count toward a Literature or Creative Writing major.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 150 Literature: Global Perspective **Credits: 3**

This course is an introduction to literature through the study of works past and present which explore both the nature of humanity and humanity's relation to the world. The course will introduce students to literature from

primarily outside the United States to enable cross-cultural comparisons. Does not count toward a Literature major.

Goal: 06- Humanities/Fine Arts 08- Global Perspective **Course Frequency:** *Fall: Even Years Spring: N/A Summer: Dept Discretion*

LIT 170 Literature: People & Environment

Credits: 3

This course introduces students to literature focused on the environment and our relationship to it. The course covers several literary genres and may include both U.S. and non-U.S. writers and environments. This course does not count toward a Literature or Creative Writing major.

Goal: 06- Humanities/Fine Arts 10- People/Environment **Course Frequency:** *Fall: N/A Spring: All Years Summer: Dept Discretion*

LIT 200 Literature: Rural/Regional Experience

Credits: 3

This course is an introduction to literature through the study of works which are set in a rural and/or regional environment and explore both the nature of humanity and humanity's relation to the world. The course will expose students to literature from primarily those writers who focus their art on rural landscapes and/or a particular region (e.g., the Mississippi Delta, western Montana, Siouxland, etc.) which demonstrates the importance of environment and region on the human condition. Does not count toward a Literature major.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 250 Critical Approaches to Literature

Credits: 3

This course offers students the elemental skill necessary for academic literary research and analysis. It covers the major literary critical tools in a systematic way. Required of all Literature and Creative Writing majors

Pre-Requisites: (ENG_151) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

LIT 261 Novel

Credits: 3

This course introduces students to the novel as a literary form.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

LIT 262 Short Story

Credits: 3

This course introduces students to the short story as a literary form.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

LIT 263 Poetry

Credits: 3

This course introduces students to poetry as a literary form.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

LIT 264 World Drama

Credits: 3

This course introduces students to drama as a literary form, including plays from a wide variety of periods and countries.

Goal: 06- Humanities/Fine Arts 08- Global Perspective **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 265 Literature and Film

Credits: 3

This course introduces students to literary works and their film adaptations, exploring their different forms or means of storytelling, the technical and social factors that affect their productions, and their cultural impact. Texts many include the following filmic and literary genres: western, musical, science fiction fantasy, horror, comic, detective story, thriller, war, or family melodrama.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 286 Special Topics in Literature

Credits: 1 - 4

These courses are studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 292 Honors Credit Literature

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by certain students concurrently enrolled in at least one other Literature course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 303 British Authors: Short Course

Credits: 1 - 2

A study of one British authors work in-depth. Consult the semester course schedule for the author to be studied. No more than a total of 4 credits may be used toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 304 American Authors: Short Course

Credits: 1

A study of one American author's work in-depth. Consult the semester course schedule for the author to be studied. No more than a total of 4 credits may be used toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 305 World Authors: Short Course

Credits: 1 - 2

A study of one World authors work in-depth. Consult the semester course schedule for the author to be studied. No more than a total of 4 credits may be used toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 306 Craft and Theory: Prose and Poetry

Credits: 3

This class is designed for students interested in the craft and theory issues relating to the construction of literary prose and poetry. The class will focus on the author's style within the context of the different historical

literary movements and social/cultural influences. The main emphasis of this class is the analysis of the processes of literary prose and poetry, and not necessarily the critical interpretation of literature.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

LIT 309 Authors

Credits: 3

A study of one, two, or three authors' work in-depth. Consult the semester course schedule for the author(s) to be studied. If a student takes 309, only one (1) credit of 308 may be counted toward the Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 310 Greek Myth & Literature

Credits: 3

The course covers great Greek literature, such as the Iliad and the Odyssey, plus selected plays from the Greek tragedians. The mythological background of the literature and its characters is also included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

LIT 321 British Literature: Beginning through Restoration and 18th Century

Credits: 3

This course covers Medieval and Renaissance writers, including Beowulf, Chaucer, Shakespeare, and the Metaphysical Poets. It also includes such writers as Milton, Dryden, Pope, Swift, and Samuel Johnson.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

LIT 322 British Literature: Nineteenth and Twentieth Century

Credits: 3

This course explores British literature from the Romantic and Victorian Periods of the 19th Century and Modern and Post-Modern Periods of the 20th Century.

Pre-Requisites: (ENG_151) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

LIT 323 Shakespeare

Credits: 3

This course focuses on examples of Shakespeare's best-known tragedies, comedies, histories, and romances.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

LIT 324 Shakespeare: Tragedies

Credits: 3

This course focuses on selected examples of Shakespeare's tragic drama, including the historical tragedies.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 325 Shakespeare: Comedies

Credits: 3

This course focuses on selected examples of Shakespeare's comic drama, including representative "romances."

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 331 American Literature: Beginning through Realism and Naturalism

Credits: 3

This course covers the beginning Colonial & Romantic periods of American literature and includes such writers as Bradstreet, Poe, Hawthorne, Melville, Emerson, Thoreau, and Whitman. The course also includes such writers as Twain, James, Dickinson, Stephen Crane, and Dreiser who represent Realism and Naturalism in American Literature.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 332 American Literature: Modern & Contemporary **Credits: 3**

This course covers the period from 1900 to the present and includes such writers as Frost, Faulkner, Hemingway, Fitzgerald, Pound, Stevens, and Cummings, and more recent writers.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

LIT 335 African American Literature **Credits: 3**

This course is an introduction to the literature of African American writers from the African Diaspora through the Harlem Renaissance to contemporary African American literature.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

LIT 340 Sexuality and Gender in Literature **Credits: 3**

This course reads a selection of literature from a range of historical and cultural periods through the lens of sexuality and gender.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

LIT 355 Native American Literature **Credits: 3**

This course will introduce students to the literature of the American Indian and may include novels by such authors as Leslie Marmon Silko, N. Scott Momaday, Louise Erdrich, and James Welch, as well as poetry and memoir by Native American writers from Canada and the United States.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

LIT 365 Auto/Biography **Credits: 3**

This course considers the broad genre of writing focused on the life of a living or historical person, including the self. Students will become familiar with issues surrounding life-writing and read examples from a variety of historical periods.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 370 Contemporary World Literature **Credits: 3**

This course explores the rich diversity and interdependence of contemporary post-colonial literatures and other international literatures specifically since 1945. This class examines the works of writers from varied

cultures, such as Chinua Achebe, Jorge Luis Borges, Italo Calvino, Nadine Gordimer, Milan Kundera, Louise Erdrich, and Gabriel Garcia Marquez.

Pre-Requisites: (ENG_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 375 Women's Literature

Credits: 3

This course introduces students to literature written by and about women from various time periods and cultures.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

LIT 410 Literacy & Literature for Adolescents

Credits: 3

This course is required of teaching majors. It covers teaching of poetry, fiction and drama, and young adult literature. The course includes methods and materials for teaching reading at the junior high and high school levels.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

LIT 486 Advanced Topics in Literature

Credits: 1 - 4

These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 494 Directed Studies in Literature

Credits: 1 - 4

Independent work is available only to students with special needs or exceptional ability. Only four (4) credits may count toward a Literature major.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

LIT 586 Special Topics in Literature

Credits: 1 - 4

These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term. Graduate status or Senior status (with permission) required. Up to four credits of any Special Topics may be applied to a graduate degree with permission of the English Department and Graduate Dean.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT 622 19th & 20th Century British Literature Survey

Credits: 4

This course is a survey of the major British writers from the 19th and 20th Centuries. These literary periods are of special interest: The Romantic Period, the Victorian Period, and the Modernist Period. The class examines all the genres but focuses primarily on poetry, drama, and fiction.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

LIT 632 American Literature Survey

Credits: 4

This course presents a survey of American literature with the purpose of helping graduate students understand and recognize important American literary movements and cross-currents. Students will read American literary works that have shaped and defined a period. They will also read a selection of secondary works that provide historical, political, and cultural contexts for the literature.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

LIT 670 World Literature

Credits: 4

This course in World Literature covers works from a variety of periods and countries. Selected topics may include different genres of literature from different countries written by members of diverse ethnic groups. Consult the semester class schedule for the selected topic during a given term.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT 686 Special Topics in Literature

Credits: 1 - 4

These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term. Graduate status or Senior status (with permission) required. Up to four credits of any Special Topics may be applied to a graduate degree with permission of the English Department and Graduate Dean.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

LIT XXX Literature courses

Credits: 4

Choose 4 credits of literature courses.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Environmental Science

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Emily Deaver, Thomas Dilley

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Environmental Science, Humanity and Environment Option](#)

[Download MAP](#)

[Bachelor of Science: Environmental Science, Natural Science Option](#)

[Download MAP](#)

The Environmental Science Program at SMSU was developed with three goals in mind: first, to prepare students for a variety of career opportunities in the environmental field; second, to provide students with basic skills and knowledge needed for advanced study in professional or graduate school; and third, to promote an appreciation and understanding of the natural world. To meet these goals, the Environmental Science Program offers a diversified selection of courses in the biological, chemical, and physical sciences. Supporting courses in biology, chemistry and geology are an important part of this curriculum in that they provide additional skills and knowledge required of environmental scientists.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Environmental Science, Humanity and Environment Option(70 Credits)

This option is designed primarily as a major for students interested in careers in environmental law, environmental journalism, environmental education, or public service. This option is also a good choice as an add-on (second) major for students who major in such areas as business, English, education, or political science.

I. Core Requirements:

Environmental Science Courses:

ENVS 101	Physical Geology	Credits: 3
ENVS 101L	Physical Geology Lab	Credits: 1
ENVS 102	Historical Geology	Credits: 3
ENVS 102L	Historical Geology Lab	Credits: 1
ENVS 107	Introduction to ArcGIS	Credits: 2
ENVS 180	Environmental Science: Introduction	Credits: 3
ENVS 180L	Environmental Science: Introduction Lab	Credits: 1
ENVS 301	Basic Soil Science	Credits: 3
ENVS 301L	Basic Soil Science Lab	Credits: 1
ENVS 390	Research Methods in Environmental Science	Credits: 2
ENVS 400	Environmental Data Analysis & Presentation	Credits: 2

Biology Courses:

BIOL 200	Introduction to Cellular Biology	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab	Credits: 1
BIOL 201	Introduction to Biodiversity & Evolution	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab	Credits: 1
BIOL 302	Botany	Credits: 3
BIOL 302L	Botany Lab	Credits: 1

Chemistry Courses:

CHEM 121	Basic Chemistry	Credits: 3
CHEM 121L	Basic Chemistry Lab	Credits: 1
CHEM 122	Introductory Organic/Biochemistry	Credits: 3
CHEM 122L	Introduction to Organic/Biochemistry Lab	Credits: 1

Notes:

* CHEM 121, CHEM 122: May substitute CHEM 231, 232 (9 credits)

Humanities Courses:

ENG 360	Scientific & Technical Writing	Credits: 3
PHIL 107	Environmental Ethics	Credits: 3

II. Restricted Science Electives:

Take two of the following; at least one must include a lab:

BIOL 310	Natural History of Vertebrates	Credits: 3
BIOL 310L	Natural History of Vertebrates Lab	Credits: 1
ENVS 302	Geomorphology	Credits: 3
ENVS 303	Meteorology	Credits: 3
ENVS 311	Environmental Geology	Credits: 3
ENVS 312	Rocks & Minerals	Credits: 3
ENVS 351	Environmental Toxicology	Credits: 3
ENVS 352	Plant Nutrients in the Environment	Credits: 3
ENVS 401	Wetland Ecology	Credits: 3
ENVS 401L	Wetland Ecology Lab	Credits: 1
ENVS 406	Limnology	Credits: 3
ENVS 406L	Limnology Lab	Credits: 1
ENVS 426	Soil Morphology & Genesis	Credits: 3
ENVS 426L	Soil Morphology & Genesis Lab	Credits: 1
ENVS 486	Advanced Special Topics	Credits: 1 - 3

III. Restricted Humanities Electives: (15 Credits)

Choose five (5) upper-division courses from three (3) areas of study:

AGBU 3XX	Agribusiness Courses numbered 300 or above.	Credits: 3
BADM 3XX	Business Admin Courses numbered 300 or above.	Credits: 3
ECON 3XX	Economics Courses numbered 300 or above.	Credits: 3
EDU 3XX	Education Courses numbered 300 or above.	Credits: 3
ENG 3XX	English Courses numbered 300 or above.	Credits: 3
FIN 3XX	Finance Courses numbered 300 or above.	Credits: 3
GEOG 3XX	Geography Courses numbered 300 or above.	Credits: 3
HIST 3XX	History Courses numbered 300 or above.	Credits: 3
JUAD 3XX	Justice Admin Courses numbered 300 or above.	Credits: 3
MGMT 3XX	Management Courses numbered 300 or above.	Credits: 3
PHIL 3XX	Philosophy Courses numbered 300 or above.	Credits: 3
POL 3XX	Political Science Courses numbered 300 or above.	Credits: 3
PSYC 3XX	Psychology Courses numbered 300 or above.	Credits: 3
SOCI 3XX	Sociology Courses numbered 300 or above.	Credits: 3
SPCH 3XX	Speech Comm Courses numbered 300 or above.	Credits: 3

Notes:

Students should consult with their Environmental Science advisor regarding the selection of the Humanities Electives.

One course at the 200-level MAY be allowed but only with the approval of the student's Environmental Science advisor.

Total Credits: **70**

Bachelor of Science: Environmental Science, Natural Science Option(74-76 Credits)

The Natural Science option has a strong life science component and was designed to prepare students for employment by environmental consulting firms, environmental education centers, or government agencies. This option also prepares students for graduate study and research.

I. Core Requirements:

Environmental Science Courses:

ENVS 101	Physical Geology	Credits: 3
ENVS 101L	Physical Geology Lab	Credits: 1
ENVS 102	Historical Geology	Credits: 3
ENVS 102L	Historical Geology Lab	Credits: 1
ENVS 107	Introduction to ArcGIS	Credits: 2
ENVS 180	Environmental Science: Introduction	Credits: 3
ENVS 180L	Environmental Science: Introduction Lab	Credits: 1
ENVS 301	Basic Soil Science	Credits: 3
ENVS 301L	Basic Soil Science Lab	Credits: 1
ENVS 390	Research Methods in Environmental Science	Credits: 2

ENVS 400 Environmental Data Analysis & Presentation Credits: 2

Biology Courses:

BIOL 200 Introduction to Cellular Biology Credits: 3

BIOL 200L Introduction to Cellular Biology Lab Credits: 1

BIOL 201 Introduction to Biodiversity & Evolution Credits: 3

BIOL 201L Introduction to Biodiversity & Evolution Lab Credits: 1

BIOL 302 Botany Credits: 3

BIOL 302L Botany Lab Credits: 1

BIOL 311 Ecology Credits: 3

BIOL 311L Ecology Lab Credits: 1

Chemistry Courses:

CHEM 231 General Chemistry I Credits: 3

CHEM 231L General Chemistry I Lab Credits: 1

CHEM 232 General Chemistry II Credits: 3

CHEM 232L General Chemistry II Lab Credits: 2

Physics Courses:

PHYS 141 College Physics I Credits: 3

PHYS 141L College Physics I Lab Credits: 1

PHYS 142 College Physics II Credits: 3

PHYS 142L College Physics II Lab Credits: 1

Choose one MATH course:

MATH 140 Calculus: A Short Course Credits: 3

MATH 200 Intro to Statistics Credits: 3

Notes:

* MATH 200: May substitute other statistics course with program approval

Humanities Courses:

ENG 360 Scientific & Technical Writing Credits: 3

PHIL 107 Environmental Ethics Credits: 3

II. Restricted Electives: (10-12 Credits)

Take three courses, at least one must include a lab:

AGBU 350 Agricultural & Environment Law Credits: 3

BIOL 303 Microbiology Credits: 3

BIOL 303L Microbiology Lab Credits: 2

BIOL 310 Natural History of Vertebrates Credits: 3

BIOL 310L Natural History of Vertebrates Lab Credits: 1

BIOL 321 Genetics Credits: 3

BIOL 321L Genetics Lab Credits: 1

CHEM 344 Instrumental Analysis Credits: 4

ENVS 302 Geomorphology Credits: 3

ENVS 303 Meteorology Credits: 3

ENVS 310 Hydrology Credits: 3

ENVS 310L Hydrology Lab Credits: 1

ENVS 311 Environmental Geology Credits: 3

ENVS 312 Rocks & Minerals Credits: 3

ENVS 351 Environmental Toxicology Credits: 3

ENVS 352 Plant Nutrients in the Environment Credits: 3

ENVS 353 Soil Conservation and Land Use Management Credits: 3

ENVS 401 Wetland Ecology Credits: 3

ENVS 401L Wetland Ecology Lab Credits: 1

ENVS 406 Limnology Credits: 3

ENVS 406L Limnology Lab Credits: 1

ENVS 426 Soil Morphology & Genesis Credits: 3

ENVS 426L Soil Morphology & Genesis Lab Credits: 1

ENVS 486 Advanced Special Topics Credits: 1 - 3

HIST 310 Environmental History Credits: 3

Total Credits: **74-76****Minor: Environmental Science(28-30 Credits)**

The Environmental Science Minor provides an opportunity to study environmental processes, problems and solutions from several points of view. The interdisciplinary nature of the ES minor integrates environmental content with non-science courses and is suitable for students with a wide variety of majors.

I. Required Courses: (18 Credits)

ENVS 101	Physical Geology	Credits: 3
ENVS 101L	Physical Geology Lab	Credits: 1
ENVS 107	Introduction to ArcGIS	Credits: 2
ENVS 180	Environmental Science: Introduction	Credits: 3
ENVS 180L	Environmental Science: Introduction Lab	Credits: 1

Take ONE course from each group (A-B):*Group A.*

BIOL 200	Introduction to Cellular Biology	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab	Credits: 1
BIOL 201	Introduction to Biodiversity & Evolution	Credits: 3
BIOL 201L	Introduction to Biodiversity & Evolution Lab	Credits: 1

Group B.

CHEM 121	Basic Chemistry	Credits: 3
CHEM 121L	Basic Chemistry Lab	Credits: 1
CHEM 231	General Chemistry I	Credits: 3
CHEM 231L	General Chemistry I Lab	Credits: 1

II. Restricted Electives: (10-12 Credits)**Choose three courses, one must include a lab:**

BIOL 302	Botany	Credits: 3
BIOL 302L	Botany Lab	Credits: 1
BIOL 311	Ecology	Credits: 3
BIOL 311L	Ecology Lab	Credits: 1
ENVS 102	Historical Geology	Credits: 3
ENVS 102L	Historical Geology Lab	Credits: 1
ENVS 301	Basic Soil Science	Credits: 3
ENVS 301L	Basic Soil Science Lab	Credits: 1
ENVS 302	Geomorphology	Credits: 3
ENVS 303	Meteorology	Credits: 3
ENVS 310	Hydrology	Credits: 3
ENVS 310L	Hydrology Lab	Credits: 1
ENVS 311	Environmental Geology	Credits: 3
ENVS 312	Rocks & Minerals	Credits: 3
ENVS 312L	Rocks & Minerals Lab	Credits: 1
ENVS 353	Soil Conservation and Land Use Management	Credits: 3
ENVS 401	Wetland Ecology	Credits: 3
ENVS 401L	Wetland Ecology Lab	Credits: 1
ENVS 406	Limnology	Credits: 3
ENVS 406L	Limnology Lab	Credits: 1

Total Credits: **28-30****Course Descriptions****ENVS 100 Earth Science****Credits: 3**

This course is designed to provide non science majors with an introduction to Earth Science. Students examine the general physical environment, and the emphasis of study is Earth-sun relationships, meteorology,

climatology, geology, geomorphology, hydrology, natural hazards, and environmental degradation. Particular attention is devoted to the exploration of the inherent global interconnectedness of natural environmental systems and human interactions with the physical environment.

Goal: 03- Natural Science 10- People/Environment **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: All Years*

ENVS 100L Earth Science Lab

Credits: 1

This is the laboratory component of ENVS 100-Earth Science. Students will engage in the practical application of the knowledge they acquire about natural environmental systems during lectures through observation, experimentation, and analysis. Topics of focus include Earth-sun relationships, meteorology, climatology, geology, geomorphology, hydrology, natural hazards, and environmental degradation. Particular attention is devoted to the exploration of the inherent global interconnectedness of natural environmental systems and human interactions with the physical environment.

Goal: 03- Natural Science 10- People/Environment **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: All Years*

ENVS 101 Physical Geology

Credits: 3

The study of the earth and the forces that shape it, including minerals and rocks, landforms, and geological processes.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ENVS 101L Physical Geology Lab

Credits: 1

The study of the earth and the forces that shape it, including minerals and rocks, landforms, and geological processes.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ENVS 102 Historical Geology

Credits: 3

Study of the history and evolution of the earth including its lithosphere, hydrosphere, atmosphere, and biosphere. Topics also include the change in tectonics, rocks, environments, life, and fossils through geological time.

Pre-Requisites: (ENVS_100) OR (ENVS_101) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ENVS 102L Historical Geology Lab

Credits: 1

Study of the history and evolution of the earth including its lithosphere, hydrosphere, atmosphere, and biosphere. Topics also include the change in tectonics, rocks, environments, life, and fossils through geological time.

Pre-Requisites: (ENVS_100) OR (ENVS_101) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ENVS 107 Introduction to ArcGIS

Credits: 2

Introduction to the basic features of Arc GIS software with hands-on exercises in a computer lab setting.

Exercises will provide practice in basic GIS functions such as spatial data creation, editing, manipulation, and analysis. Basic cartographic principles will be applied to produce map displays of exercise results.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ENVS 115 Redwood River Monitoring

Credits: 2

This course provides a unique opportunity for students to learn about river monitoring issues and techniques and to teach these skills to others as they mentor high school and 7th grade students. The course also allows students to take an active role in a community-based service-learning project in which data generated are directly applicable to local water conservation issues.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ENVS 120 Regional Geography of US & Canada

Credits: 3

An introduction to the various regions of North America and the study of relationships between physiography, climate, ecosystems, human activities, and environmental issues in the regions.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 180 Environmental Science: Introduction

Credits: 3

This course presents an overview of environmental science as well as basic principles of ecology and their implications for identifying and analyzing environmental problems. Also discussed is the impact of human activities on ecosystems and possible solutions to environmental problems.

Goal: 03- Natural Science 10- People/Environment **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ENVS 180L Environmental Science: Introduction Lab

Credits: 1

This course presents an overview of environmental science as well as basic principles of ecology and their implications for identifying and analyzing environmental problems. Also discussed is the impact of human activities on ecosystems and possible solutions to environmental problems.

Goal: 03- Natural Science 10- People/Environment **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

ENVS 186 Special Topics in Environmental Science

Credits: 1 - 4

ENVS 200 Environmental Science Seminar

Credits: 1

This one-credit seminar class will provide an opportunity for environmental science majors, instructors, and guest speakers to discuss and critically examine current events and environmental issues, journal articles, internship and career opportunities, career preparation, and to network with potential employers.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

ENVS 270 Soil Profile Description

Credits: 1

This is a field course used to prepare students for intercollegiate soil judging contests.

Pre-Requisites: (ENVS_251) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ENVS 271 Collegiate Soil Judging

Credits: 1

Methods of soil profile description and field interpretation of landscapes. Participation in soil judging team during regional or national contests is required.

Pre-Requisites: (ENVS_251) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ENVS 286 Special Topics

Credits: 1 - 3

ENVS 301 Basic Soil Science

Credits: 3

Basic physical, chemical, and biological properties of soil. Soil genesis, classification, and principles of soil fertility. The required preparation for this course is three years of high school mathematics or MATH 060.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ENVS 301L Basic Soil Science Lab

Credits: 1

Laboratory experimentation related to the physical, chemical, and biological properties of soil including soil genesis, classification, and principles of soil fertility. The required preparation for this course is three years of high school mathematics or MATH 060.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

ENVS 302 Geomorphology

Credits: 3

An in-depth, interdisciplinary investigation into landform development, landscape evolution, and the effects of geological processes and climate change on the Earth's surficial systems. Special emphasis on Quaternary environmental changes, glacial and interglacial transitions, and the resulting landscapes.

Pre-Requisites: (ENVS_101) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

ENVS 303 Meteorology

Credits: 3

This course provides students with an introduction to atmospheric characteristics and phenomena including: weather, composition and physical processes, air masses and global patterns of air circulation, frontal systems and severe weather, climate and climate change. Particular emphasis will be placed on human interactions with the atmosphere-natural hazards, forecasting, predicting and monitoring, pollution, and climate change-and the global nature of those interactions. For students interested in fulfilling their LAC requirements, the companion lab for this course is currently ENVS 100L - Earth Science Laboratory.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 310 Hydrology

Credits: 3

This course deals with the processes governing the depletion and replenishment of the water resources of the land areas of the earth. Students will be introduced to basic principles of the water cycle and the methodology

used in determining water flow.

Pre-Requisites: (MATH_110 AND ENVS_101) OR (MATH_115 AND ENVS_101) OR (MATH_140 AND ENVS_101) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ENVS 310L Hydrology Lab

Credits: 1

This lab will give the student an opportunity to experience problems and case studies of hydrology in detail. The lab sessions will consist of data manipulation and analysis, computer simulation, and systems design for major topics of hydrology. These topics will include irrigation, drainage, groundwater use and flow, contaminant transport and remediation. Laboratory exercises and field trips are designed to provide a practical introduction to hydrologic methods.

Pre-Requisites: (MATH_110 AND ENVS_101) OR (MATH_115 AND ENVS_101) OR (MATH_140 AND ENVS_101) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ENVS 311 Environmental Geology

Credits: 3

Study of the effects of geological processes on human society and the application of geological principles in identifying, evaluating, predicting, and mitigating natural hazards such as volcanoes, earthquakes, and floods. Other topics include global climactic change and human impacts on the environment from energy and resources extraction and utilization.

Pre-Requisites: (ENVS_100) OR (ENVS_101) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 312 Rocks & Minerals

Credits: 3

This course encompasses the description, identification, classification, interpretation, and formation of important common minerals and rocks and their geological implications.

Pre-Requisites: (ENVS_101) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 312L Rocks & Minerals Lab

Credits: 1

This course encompasses the description, identification, classification, interpretation, and formation of important common minerals and rocks and their geological implications.

Pre-Requisites: (ENVS_101) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 320 Soils and Fertility

Credits: 3

This course is the study of how soil fertility affects plant growth and what soil conditions are required to grow specific plants and crops. methods for testing plants and soils are reviewed. Fertilizer requirements, economics, placement, evaluation, residual effects and environmental effects are reviewed.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 351 Environmental Toxicology

Credits: 3

The study of potentially harmful agents in the environment and their effects on organisms and ecosystems.

Topics covered include dose-response relationships, toxicity test methods, factors influencing toxicity, fate and effects of natural and synthetic chemicals in the environment, and ecological risk assessment.

Pre-Requisites: (ENVS_180 AND BIOL_200 AND CHEM_121) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 352 Plant Nutrients in the Environment **Credits: 3**

Basic concepts related to plant nutrient availability in soils. Emphasis on the dynamic reactions of mineral elements in soil and water, and subsequent evaluation of plant growth and the environment. Diagnostic techniques for measuring specific soil fertility parameters.

Pre-Requisites: (ENVS_251) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ENVS 353 Soil Conservation and Land Use Management **Credits: 3**

Soil erosion and land degradation processes on rural and urban landscapes. Technical, historical, economic, social, and international considerations of soil conservation. Landuse management practices of soil conservation and methods of natural resource assessment.

Pre-Requisites: (ENVS_251) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

ENVS 390 Research Methods in Environmental Science **Credits: 2**

This course is designed to introduce students to the basic methods of research in Environmental Science. Emphasis will be placed on how to select a research project, how to conduct a literature search, how to write a project proposal, and field methods for data collection. This course is a prerequisite for ENVS 400, the capstone course in Environmental Science.

Pre-Requisites: ((ENVS_101 AND ENVS_180)) and junior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ENVS 400 Environmental Data Analysis & Presentation **Credits: 2**

This is the capstone course for the environmental science major. Students will be expected to conduct an independent research project investigating various environments topics selected in conjunction with a faculty research advisor. Students will incorporate field, laboratory, and GIS experiences in environmental data gathering, analysis, interpretation, synthesis, and presentation. Students will present their findings in a variety of oral and written formats including at the annual SMSU Undergraduate Research Conference.

Pre-Requisites: ((ENVS_390)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

ENVS 401 Wetland Ecology **Credits: 3**

This course is a comprehensive review of the biological, physical, and chemical aspects of wetland ecosystems. The course also covers the restoration, creation, and management of wetlands as well as policy

regulating these activities. The course will include North American wetland systems as well as other wetlands around the globe. Various field data collecting exercises will emphasize local wetlands.

Pre-Requisites: (CHEM_121) OR (CHEM_231) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

ENVS 401L Wetland Ecology Lab

Credits: 1

This course is a comprehensive review of the biological, physical, and chemical aspects of wetland ecosystems. The course also covers the restoration, creation, and management of wetlands as well as policy regulating these activities. The course will include North American wetland systems as well as other wetlands around the globe. Various field data collecting exercises will emphasize local wetlands.

Pre-Requisites: (CHEM_121) OR (CHEM_231) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

ENVS 406 Limnology

Credits: 3

Energetics, nutrient cycling, productivity and pollution of lakes and streams; abiotic and biotic diversity of aquatic ecosystems.

Pre-Requisites: (BIOL_302) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

ENVS 406L Limnology Lab

Credits: 1

Energetics, nutrient cycling, productivity and pollution of lakes and streams; abiotic and biotic diversity of aquatic ecosystems.

Pre-Requisites: (BIOL_302) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

ENVS 426 Soil Morphology & Genesis

Credits: 3

Physical and chemical weathering processes, factors of soil formation, introduction to soil mineralogy, soil survey utilization and interpretation. This course will also introduce students to various landscapes, their genesis, and land use impacts.

Pre-Requisites: (ENVS_301) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

ENVS 426L Soil Morphology & Genesis Lab

Credits: 1

ENVS 486 Advanced Special Topics

Credits: 1 - 3

ENVS 494 Independent Study

Credits: 1 - 3

Independent research, directed by a faculty member, which must be laboratory research, library research, or other experiences approved by the Environmental Science program.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ENVS 499 Internship in Environmental Science

Credits: 1 - 15

Supervised experiences in learning situations that cannot be obtained on campus.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

Exercise Science

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Jeffrey Bell, Kris Cleveland, Mostafa Hegazy, Brent Jeffers

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Exercise Science - Allied Health](#)

[Download MAP](#)

[Bachelor of Science: Exercise Science - Coaching and Human Performance](#)

[Download MAP](#)

[Bachelor of Science: Exercise Science - Corporate Wellness/Exercise Leadership](#)

[Download MAP](#)

The emphasis of the Exercise Science concentration is designed to give students a scientific understanding of the body's response to exercise and the ability to analyze the efficiency of human movement. Graduates in Exercise Science will have the knowledge to prescribe exercise to a wide variety of populations and instruct the proper mechanics and techniques of movement. Students explore exercise and motor behavior from an interdisciplinary perspective both from within the Exercise Science program, the Wellness and Human Performance Center and across campus with courses in Anatomical Kinesiology, Biomechanics of Human Motion, Exercise Physiology, Nutrition, Biochemistry, Cell Biology, Sport Psychology, and Motor Learning. Practical application of the curriculum is enhanced through the Lab assignments, field work, and internship experiences.

Bachelor of Science: Exercise Science(66 Credits)

I. Exercise Science Core Courses: (50 Credits)

BIOL 200	Introduction to Cellular Biology	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab	Credits: 1
ENG 360	Scientific & Technical Writing	Credits: 3
EXSC 100	Anatomical Kinesiology	Credits: 3
EXSC 100L	Anatomical Kinesiology Lab	Credits: 1
EXSC 101	Introduction to Exercise Science	Credits: 2
EXSC 225	Nutrition	Credits: 3
EXSC 300	Biomechanics of Human Motion	Credits: 3
EXSC 325	Nutrition & Exercise	Credits: 2
EXSC 350	Exercise Physiology	Credits: 3
EXSC 350L	Exercise Physiology Lab	Credits: 1
EXSC 390	Fitness Assessment	Credits: 2
EXSC 400	Motor Learning & Development	Credits: 2
EXSC 475	Capstone Research	Credits: 3
EXSC 480	Principles of Training & Conditioning	Credits: 2
EXSC 490	Exercise Prescription	Credits: 2
EXSC 499	Professional Practicum	Credits: 1 - 12
MATH 200	Intro to Statistics	Credits: 3
MATH 201	Statistical Software	Credits: 1
PSYC 101	General Psychology I	Credits: 3

Notes:

EXSC 499 Professional Internship must be taken for 3 credits.

Choose one Chemistry course with corresponding lab:*

Notes:

*Note: CHEM 231/231L is required for the Allied Health Emphasis.

CHEM 121	Basic Chemistry	Credits: 3
CHEM 121L	Basic Chemistry Lab	Credits: 1
CHEM 231	General Chemistry I	Credits: 3
CHEM 231L	General Chemistry I Lab	Credits: 1

II. Emphasis Areas: (20 Credits)

A. Allied Health

BIOL 104	Medical Terminology	Credits: 1
BIOL 305	Human Anatomy & Physiology I	Credits: 3
BIOL 305L	Human Anatomy & Physiology I Lab	Credits: 1
BIOL 306	Human Anatomy & Physiology II	Credits: 3
BIOL 306L	Human Anatomy & Physiology II Lab	Credits: 1
CHEM 232	General Chemistry II	Credits: 3
CHEM 232L	General Chemistry II Lab	Credits: 2
ENVS 390	Research Methods in Environmental Science	Credits: 2
EXSC 450	Advanced Exercise Physiology Lecture/Seminar	Credits: 3
EXSC 450L	Advanced Exercise Physiology Lab	Credits: 1

Choose one of the following:

ENVS 390	Research Methods in Environmental Science	Credits: 2
EXSC 375	Research Methods	Credits: 2

B. Corporate Wellness/Exercise Leadership

BLAW 305	Legal Environment and Contract Law	Credits: 3
EXSC 360	Athletic Enhancement, Human Performance, & Exercise Leadership	Credits: 2
EXSC 460	Corporate Wellness and Health Promotion	Credits: 3
FIN 330	Financial Management for Small Business	Credits: 3
MGMT 300	Management Principles	Credits: 3
MGMT 350	Human Resources	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

C. Coaching and Human Performance

EXSC 201	Sport Psychology	Credits: 2
EXSC 360	Athletic Enhancement, Human Performance, & Exercise Leadership	Credits: 2
PE 301	Theory of Coaching	Credits: 3
PE 301L	Theory of Coaching Lab	Credits: 1
PE 392	Prevention & Care of Athletic Injuries	Credits: 2
PE 3XX	Theory of Coaching Course	Credits: 4
PE 488	Legal Aspects of Recreation & Sport	Credits: 3

Choose one of the following courses:

MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

D. Exercise Specialist

BIOL 305	Human Anatomy & Physiology I	Credits: 3
BIOL 305L	Human Anatomy & Physiology I Lab	Credits: 1
BIOL 306	Human Anatomy & Physiology II	Credits: 3
BIOL 306L	Human Anatomy & Physiology II Lab	Credits: 1
EXSC 360	Athletic Enhancement, Human Performance, & Exercise Leadership	Credits: 2
EXSC 460	Corporate Wellness and Health Promotion	Credits: 3

Choose one of the following:

EXSC 180	Principles of Fitness and Wellness	Credits: 2
PE 249	Physical Fitness Concept	Credits: 2

Electives

BLAW 305	Legal Environment and Contract Law	Credits: 3
EXSC 401	Human Kinematics	Credits: 3
EXSC 488	Professional Communication	Credits: 3
FIN 330	Financial Management for Small Business	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

Total Credits: **66****Minor: Exercise Science(22 Credits)**

I. Required Courses:

EXSC 100	Anatomical Kinesiology	Credits: 3
EXSC 100L	Anatomical Kinesiology Lab	Credits: 1
EXSC 300	Biomechanics of Human Motion	Credits: 3
EXSC 325	Nutrition & Exercise	Credits: 2
EXSC 350	Exercise Physiology	Credits: 3
EXSC 350L	Exercise Physiology Lab	Credits: 1
EXSC 390	Fitness Assessment	Credits: 2
EXSC 480	Principles of Training & Conditioning	Credits: 2
EXSC 490	Exercise Prescription	Credits: 2

Choose one:

BIOL 377	Principles of Nutrition	Credits: 3
EXSC 225	Nutrition	Credits: 3

Total Credits: **22****Minor: Nutrition(26 Credits)**

I. Prerequisite Courses: (12 Credits)

BIOL 200	Introduction to Cellular Biology	Credits: 3
BIOL 200L	Introduction to Cellular Biology Lab	Credits: 1
CHEM 122	Introductory Organic/Biochemistry	Credits: 3
CHEM 122L	Introduction to Organic/Biochemistry Lab	Credits: 1

Choose one course with lab:

CHEM 121	Basic Chemistry	Credits: 3
CHEM 121L	Basic Chemistry Lab	Credits: 1
CHEM 231	General Chemistry I	Credits: 3
CHEM 231L	General Chemistry I Lab	Credits: 1

II. Required Courses: (14 Credits)

BIOL 377	Principles of Nutrition	Credits: 3
CULG 310	Introduction to Food Science	Credits: 3
CULG 410	Food Chemistry and Analysis	Credits: 3
EXSC 225	Nutrition	Credits: 3
EXSC 325	Nutrition & Exercise	Credits: 2

Total Credits: **26****Course Descriptions****EXSC 100 Anatomical Kinesiology****Credits: 3**

This course is designed to develop the student's proficiency in identifying the structures and functions of the musculo-skeletal system.

Course Frequency: Fall: All Years Spring: All Years Summer: N/A

EXSC 100L Anatomical Kinesiology Lab**Credits: 1**

This course is designed to develop the student's proficiency in identifying the structures and functions of the musculo-skeletal system.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

EXSC 101 Introduction to Exercise Science

Credits: 2

This course will introduce students to the career options available with an Exercise Science degree. Students will gain the knowledge and skills required for becoming an Exercise Scientist. Classroom learning experiences will be provided, as well as guest speakers who will provide first-hand knowledge of the profession. Students will also be exposed to these professions with hands on learning experiences in the field via volunteer job shadowing/observation with professionals in these areas.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

EXSC 110 Introduction to Health Professions

Credits: 2

This course will introduce students to the professions of Physical Therapy, Occupational Therapy, Athletic Training, and Speech-Language Pathology, as well as Physician Assistant, Chiropractic, Nursing, etc. Students will also be exposed to these health care professions with hands on learning experiences.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

EXSC 110 Introduction to Rehabilitation Services

Credits: 2

This course will introduce students to the professions of Physical Therapy, Occupational Therapy, Athletic Training, and Speech-Language Pathology. The course will focus on the history of these professions, their roles in health care, and education requirements for the specific professions. Students will also be exposed to these health care professions with hands on learning experiences.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

EXSC 150 Exercise Training and Assessment

Credits: 2

This course is designed to measure, assess, and improve health related fitness by applying scientific principles of training and exercise prescription. Students will utilize a variety of methods for obtaining evidence to design a personalized exercise program and understand the measures used to assess the effectiveness of their training.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

EXSC 151 Human Performance and Assessment

Credits: 2

This course is designed to measure, assess, and improve the student's athletic performance by applying scientific principles of training and exercise prescription. Student athletes will utilize a variety of methods for obtaining evidence to design a personalized exercise program to meet the demands of their sport and understand the measures used to assess the effectiveness of their training. Topics in the course may include speed, acceleration, explosive power, agility, and metabolic energy systems applied to sport specific training.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

EXSC 180 Principles of Fitness and Wellness

Credits: 2

This course is designed to teach the components of fitness and the relationship of one's fitness to overall wellness. Topics will focus on understanding the components of Health-Related Fitness (cardiovascular,

muscular strength, muscular endurance, flexibility, and body composition). Fundamental knowledge in the areas of nutrition, stress management, and behavior modification will be introduced and the implications of these variables on wellness will be discussed.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

EXSC 201 Sport Psychology

Credits: 2

This course offers the student, prospective coach, and athlete the opportunity to learn correct principles and applications of sport psychology.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

EXSC 225 Nutrition

Credits: 3

This is an introductory course investigating nutrition from a scientific perspective. This course will introduce the nutrients and their work in the body from chemical, metabolic, and physiologic perspectives. Then, this information will help students learn to use this information to understand energy balance, weight control, and nutrition through the lifespan.

Course Frequency: *Fall: All Years Spring: Dept Discretion Summer: Dept Discretion*

EXSC 286 Special Topics

Credits: 1 - 4

This course is designed to provide lower division students an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

EXSC 300 Biomechanics of Human Motion

Credits: 3

This course includes both lecture and lab experience to describe, analyze, and interpret the mechanical functions of human movement.

Pre-Requisites: ((EXSC_100)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

EXSC 325 Nutrition & Exercise

Credits: 2

This course is intended to teach students an intermediate to advanced understanding of sport and exercise nutrition for the purpose of human performance and physical activity. Topics of study will include carbohydrate, protein, fat, vitamin, mineral, and water requirements of active populations, as well as the use of nutritional ergogenic aids for performance enhancement.

Pre-Requisites: ((EXSC_225 AND EXSC_350) OR (EXSC_225 AND BIOL_200 AND CHEM_121) OR (EXSC_225 AND BIOL_200 AND CHEM_231)) **Course Frequency:** *Fall: All Years Spring: Dept Discretion Summer: Dept Discretion*

EXSC 350 Exercise Physiology

Credits: 3

This course includes lecture and lab experience to define and interpret the adaptations of the human organism to physical activity.

Pre-Requisites: ((EXSC_100)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

EXSC 350L Exercise Physiology Lab

Credits: 1

This course includes lecture and lab experience to define and interpret the adaptations of the human organism to physical activity.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

EXSC 360 Athletic Enhancement, Human Performance, & Exercise Leadership

Credits: 2

This course introduces students to the field of Athletic enhancement, human performance, and leadership skills involved in individual and group training. The class will cover specifics including: speed, agility, power, proper development of exercise programming in the athletic/human performance arena, and proper development and leadership of exercise instruction with individual training and group training programming. Students completing this class will be prepared to sit for the American College of Sports Medicine Group Training Certification and/or Certified Personal Trainer Certification, and/or National Strength and Conditioning Certified Personal Trainer Certification.

Pre-Requisites: ((EXSC_350 AND EXSC_350L)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

EXSC 375 Research Methods

Credits: 2

This course is designed to introduce students to the basic methods of research in Exercise Science. Emphasis will be placed on how to select a research project, how to conduct a literature search, how to write a project proposal, and methods for data collection. This course is designed to help students be successful in EXSC 475 Capstone Research.

Pre-Requisites: ((EXSC_100 AND EXSC_300 AND EXSC_350)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

EXSC 390 Fitness Assessment

Credits: 2

This course is designed to provide students with the scientific theories and practical application for fitness assessment. Students successfully completing this course should be prepared for the fitness assessment components of the American College of Sports Medicine certification in Health & Fitness Specialist.

Pre-Requisites: (EXSC_300 AND EXSC_350 AND EXSC_225) OR (PE_385 AND PE_391 AND EXSC_225) OR (PE_385 AND EXSC_350 AND EXSC_225) OR (PE_391 AND EXSC_300 AND EXSC_225) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

EXSC 400 Motor Learning & Development

Credits: 2

This course is designed to study motor learning and development through the lifespan of humans. Students will develop skills in analyzing and identifying learning and developmental stages in fundamental motor

patterns.

Pre-Requisites: ((EXSC_100)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

EXSC 401 Human Kinematics

Credits: 3

This course is designed for students to further develop their analytical skills related to human motion. Students will design, capture, and utilize movement analysis software to develop an advanced skill and scientific understanding in kinematic analysis. Both quantitative and qualitative kinematics of human gait and other movement outcomes will be emphasized. These kinematic studies prepare students to assess, interpret, and instruct the proper mechanics and/or adaptations of human movement and exercise.

Pre-Requisites: ((EXSC_100 AND EXSC_300)) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

EXSC 450 Advanced Exercise Physiology Lecture/Seminar

Credits: 3

This course is designed to advance the student's knowledge in the physiological dynamics of the organ systems of the human body in response to exercise.

Pre-Requisites: ((EXSC_100 AND BIOL_200 AND EXSC_300 AND EXSC_350)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

EXSC 450L Advanced Exercise Physiology Lab

Credits: 1

This course is designed to have the student use critical thinking in the application of laboratory research to a physiology exercise of interest. The student will demonstrate the ability to relate the research in an in-depth thesis-style written format and an oral presentation.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

EXSC 460 Corporate Wellness and Health Promotion

Credits: 3

This course will introduce students to the field of Corporate Wellness. Topics will include the history of Employee Health Promotion, workplace health and wellness services, design and implementation of health promotion programming in business, health care policy and legal issues, evidence based decision making in the corporate wellness field, program assessment and evaluation tools, and program design and implementation.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

EXSC 475 Capstone Research

Credits: 3

This course will teach Exercise Science majors the skills and knowledge necessary to perform discipline-specific original research. Content examines the application and interpretation of statistical methods and research design in the field of exercise, and human performance by completing original research.

Pre-Requisites: (MATH_200 AND ENG_360 AND EXSC_300 AND EXSC_350) and (Requires minimum credits: 60) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

EXSC 480 Principles of Training & Conditioning

Credits: 2

This course is designed to provide students with the scientific theories and practical applications for exercise design and prescription. This course will apply concepts of exercise physiology, anatomical kinesiology, biomechanics, nutrition, and facility planning and management. This course is also designed to include content standards related to the NSCA, National Strength and Conditioning Association's Certified Strength Conditioning Specialist, CSCS, exam.

Pre-Requisites: ((EXSC_300 AND EXSC_325 AND EXSC_350 AND EXSC_390)) **Course Frequency:**

Fall: N/A Spring: All Years Summer: N/A

EXSC 486 Topocs in Exercise Science

Credits: 1 - 4

This course is designed to provide upper division students an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

EXSC 488 Professional Communication

Credits: 3

Students will conduct multiple review of literature studies in the field of Exercise Science and develop related professional presentations. In addition, this course is designed to prepare students for entry into the job market. Students will develop a Resume, Application Essay/Personal Statement, Cover Letter, and interviewing skills.

Pre-Requisites: Requires minimum credits: 75 **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

EXSC 490 Exercise Prescription

Credits: 2

This course is designed to provide students with the scientific theories and practical application for fitness assessment and exercise prescription. Students successfully completing this course should be prepared for completion of the American College of Sports Medicine certification Exercise Physiologist Certified.

Pre-Requisites: ((EXSC_390)) and (Requires minimum credits: 75) **Course Frequency:** *Fall: All Years*

Spring: N/A Summer: N/A

EXSC 494 Directed Studies

Credits: 1 - 4

This course provides students the opportunity to design a curricular experience or research project under the direction of a faculty member in the Exercise Science Program.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

EXSC 499 Professional Practicum

Credits: 1 - 12

To provide an opportunity for a student who works in the area of physical education or human performance in an internship program.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

Finance

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Lamine Conteh, Susan Jones, Matthew Walker

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Finance/Corporate Finance Concentration](#)

[Download MAP](#)

[Bachelor of Science: Finance/Financial Planning Investments Concentration](#)

[Download MAP](#)

SMSU has broadened the scope of its business-related majors and minors. Building upon a solid reputation in business administration, SMSU now offers both a major and a minor in Finance at the baccalaureate level. This major will allow finance students to further strengthen and define their business skills and knowledge.

Student demand helped bring about the creation of SMSU's new major and minor. The new curriculum is founded on a strong foundation of business core courses that are necessary for success in today's competitive economic environment. The Finance Major allows business students to branch into one of two concentrations: a Financial Planning and Investments Concentration, or a Corporate Finance Concentration. These interesting and valuable concentrations provide finance students with real options to focus their course-work towards the career opportunities that best meet their individual goals and interests.

Students with other majors could also decide to earn a Minor in Finance. The minor is built around the same core competencies as the major, and can be a great addition to a student's academic credentials.

SMSU's Career Services Office has years of data that consistently demonstrate the strong job placements of our finance graduates. We also have a very successful and active internship program.

Our finance faculty are professionals who have industry experience and strong academic credentials. More importantly, our faculty are dedicated educators with a passion for teaching and learning. We care about our students, and we are constantly improving our programs to make sure that we are fully preparing our students for a globally-competitive business world where change is the only constant.

A grade point average of 2.50 in all major course work taken at SMSU including courses transferred from other institutions. A grade point average of 2.00 in all minor course work is required. Any exceptions to this requirement must be approved by the faculty of the Finance program.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Finance(63 Credits)

I. Business Core Courses: (36 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
BLAW 305	Legal Environment and Contract Law	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3
ECON 470	International Business & Economics	Credits: 3
FIN 230	Business Statistics I	Credits: 3
FIN 350	Managerial Finance	Credits: 3
MATH 115	Finite Mathematics	Credits: 3
MGMT 221	Computer Concepts and Applications	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

II. Finance Core Courses (12 Credits)

FIN 375	Investments	Credits: 3
FIN 457	Corporate Finance I	Credits: 3
FIN 458	Corporate Finance II	Credits: 3
FIN 492	Financial Policy	Credits: 3

FIN 495 Senior Examination Credits: 0

III. Concentrations (15 Credits)

Notes:

Students who choose to complete more than one concentration cannot double-count courses across concentrations.

A. Financial Planning Investments Concentration**

ACCT 350	Federal Tax I	Credits: 3
FIN 360	Insurance and Risk Management	Credits: 3
FIN 365	Personal Financial Planning	Credits: 3
PHIL 105	Ethical Issues in Business	Credits: 3

Notes:

**Can lead to Certified Financial Planner Certification. See the Department of Business & Public Affairs for information.

Choose any one of the following electives:

ACCT 340	Cost Accounting I	Credits: 3
ACCT 451	Federal Tax II	Credits: 3
AGBU 330	Commodity Futures & Options Trading	Credits: 3
BLAW 355	Commercial and Financial Law	Credits: 3
ECON 328	Money and Banking	Credits: 3
ECON 380	Public Finance	Credits: 3
FIN 352	Analyzing Financial Statements	Credits: 3
FIN 354	Working Capital Management	Credits: 3
FIN 366	Real Estate	Credits: 3
FIN 370	Capital Budgeting	Credits: 3
FIN 460	Business Forecasting	Credits: 3
FIN 491	Senior Seminar-Finance	Credits: 3
MGMT 320	Advanced Computer Applications	Credits: 3
MGMT 350	Human Resources	Credits: 3
MGMT 422	Prod & Oper Management	Credits: 3
MKTG 451	e-Marketing	Credits: 3

B. Corporate Finance Concentration

FIN 352	Analyzing Financial Statements	Credits: 3
FIN 354	Working Capital Management	Credits: 3
FIN 370	Capital Budgeting	Credits: 3

Choose any two of the following electives:

AGBU 330	Commodity Futures & Options Trading	Credits: 3
BLAW 355	Commercial and Financial Law	Credits: 3
ECON 328	Money and Banking	Credits: 3
ECON 380	Public Finance	Credits: 3
FIN 360	Insurance and Risk Management	Credits: 3
FIN 366	Real Estate	Credits: 3
FIN 460	Business Forecasting	Credits: 3
FIN 491	Senior Seminar-Finance	Credits: 3
MGMT 320	Advanced Computer Applications	Credits: 3
MGMT 323	Project Management	Credits: 3
MGMT 350	Human Resources	Credits: 3
MGMT 422	Prod & Oper Management	Credits: 3
MKTG 451	e-Marketing	Credits: 3
PHIL 105	Ethical Issues in Business	Credits: 3

Total Credits: **63**

Minor: Finance(27 Credits)

A. Business Core Courses: (12 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
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ACCT 212	Principles of Accounting II _____	Credits: 3
ECON 202	Principles of Macroeconomics _____	Credits: 3
FIN 230	Business Statistics I _____	Credits: 3

B. Finance Courses (15 Credits)*1. Required Courses:*

FIN 350	Managerial Finance _____	Credits: 3
FIN 457	Corporate Finance I _____	Credits: 3
FIN 458	Corporate Finance II _____	Credits: 3

2. Elective Courses:

AGBU 360	Agricultural Finance _____	Credits: 3
ECON 328	Money and Banking _____	Credits: 3
ECON 380	Public Finance _____	Credits: 3
FIN 330	Financial Management for Small Business _____	Credits: 3
FIN 352	Analyzing Financial Statements _____	Credits: 3
FIN 354	Working Capital Management _____	Credits: 3
FIN 365	Personal Financial Planning _____	Credits: 3
FIN 366	Real Estate _____	Credits: 3
FIN 370	Capital Budgeting _____	Credits: 3
FIN 375	Investments _____	Credits: 3
FIN 460	Business Forecasting _____	Credits: 3
FIN 491	Senior Seminar-Finance _____	Credits: 3

Notes:

* Elective courses for the finance minor cannot be double-counted to meet the requirements for another major or minor.

Total Credits: 27**Course Descriptions****FIN 230 Business Statistics I****Credits: 3**

Beginning statistical theory and procedures, including data collection, sampling techniques, organization and presentation of data, measurement of central tendency, probability concepts, discrete and continuous probability distributions, statistical estimation, hypothesis testing, and linear regression. Students use a computer to do some statistical analysis.

Pre-Requisites: ((MATH_110 OR MATH_115 OR MATH_135 OR MATH_140 OR MATH_150))**Course Frequency:** Fall: All Years Spring: All Years Summer: All Years**FIN 231 Business Statistics II****Credits: 3**

Probability theory, random variables, theoretical distributions, multivariate distributions, moments, multiple regression, time series analysis, index numbers, Bayesian decision theory, experimental design, and non-parametric statistics.

Pre-Requisites: ((FIN_230)) **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A**FIN 286 Special Topics****Credits: 1 - 3****FIN 330 Financial Management for Small Business****Credits: 3**

Emphasis on the financial management functions and responsibilities necessary to the successful operation of a small business. Factors affecting financial management are studied, including forms of business

organization, planning, accounting, leverage, valuation, investment decision-making, working capital, and sources of funding.

Course Frequency: *Fall: All Years Spring: N/A Summer: All Years*

FIN 350 Managerial Finance

Credits: 3

Financial planning and analysis, capital budgeting, management of working capital, management of long-term funds, promotion, expansion, and evaluation.

Pre-Requisites: ((ACCT_211 AND FIN_230)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

FIN 352 Analyzing Financial Statements

Credits: 3

Comprehensive analysis of the financial strengths and weaknesses of a company by examining the company's financial statements and pertinent industry information. Topics include ratio, vertical, and horizontal analyses; interpretation of financial statement disclosures; and consideration of the impact of inflation and taxes on the financial statements.

Pre-Requisites: ((FIN_230 AND FIN_350)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

FIN 353 Healthcare Financial Management

Credits: 3

This course is intended to help students analyze the financial principals, theories and concepts unique to healthcare organizations. It will review the historic development of healthcare finance. Students will review the sources and policies of financing from government and 3rd party payers. Students will analyze healthcare organization's expenses, revenues, cash flows, cost allocations, cost determinations, cost effectiveness and financial performance for healthcare organizations. Students will assess resources allocations as they relate to decision making, strategic planning and budget formulation.

Pre-Requisites: (FIN_350) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

FIN 354 Working Capital Management

Credits: 3

Major theories and concepts of working capital management, including liquidity analysis; management of inventory, accounts receivable, credit and payables, cash collection, concentration, and disbursement systems; and multi-national cash flows.

Pre-Requisites: ((FIN_350)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

FIN 356 Principals of Leasing

Credits: 3

Provides a practical overview of equipment leasing as it is conducted in the United States. Key topic areas include the fundamentals of equipment leasing, financial reporting of lease transactions, lease vs. buy economic analysis, and leveraged leases.

Pre-Requisites: (ACCT_211 AND ACCT_212 AND FIN_350) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

FIN 360 Insurance and Risk Management**Credits: 3**

This course is a general introduction to business and personal risk management. Risk has been defined as uncertainty about if, when, and how much loss you can have. Risk Management deals with this uncertainty as does some aspects of Finance, Accounting and Marketing. Risk Management offers some additional options. One of the most common methods in our culture is Insurance. It is purchased as one way to offset/manage risk by transferring the uncertainty resulting from perils that expose a person, or business, to loss. The Insurance Industry makes a profit by charging to take responsibility for other people and businesses' risk.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

FIN 365 Personal Financial Planning**Credits: 3**

A study of techniques and methods of effectively planning for the accomplishment of personal goals. Topics researched will consist of credit and borrowing, personal savings, risk management and insurance, investments, tax planning, estate planning, and others.

Pre-Requisites: ((FIN_350)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

FIN 366 Real Estate**Credits: 3**

The objective is for the student to understand the basics of real estate law and financing, thus enabling the student to anticipate legal difficulties and avoid them. The student should have the ability to think critically about a situation and gather and apply information to deal with issues. This course covers the basics of buying, owning and selling real property and fixtures. Emphasis is also placed on the economic and tax considerations. For the accounting student this course prepares you to be a CPA. For the finance student this material is a topic on the licensing examination for being a Personal Finance Advisor. For any student this course is part of their individual personal finance.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

FIN 370 Capital Budgeting**Credits: 3**

Advanced analysis of a firm's long-term investments. Coverage of net present value, internal rate of return, and related techniques. Topics include evaluation of long-term projects under uncertainty and capital rationing.

Pre-Requisites: ((FIN_350)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

FIN 375 Investments**Credits: 3**

Principles of investments with emphasis on security appraisal and portfolio composition.

Pre-Requisites: ((FIN_350)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

FIN 457 Corporate Finance I**Credits: 3**

Provides an overview of managerial finance in the business world by investigating various forms of business organization and considers the goal of the corporate enterprise which includes a discussion on business ethics

and social responsibility. The courses focuses on the analysis of financial statements, cash flow analysis, and obtaining a familiarity with financial institutions. Fundamental concepts in risk and return and the time value of money are reviewed to set the foundation for the study of bond and stock valuations. The final segment of the course deals with strategic investment decisions. The topics in this portion of the course include the study of the cost of capital and the basics of capital budgeting.

Pre-Requisites: (FIN_350) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

FIN 458 Corporate Finance II

Credits: 3

Although Corporate Finance I is not a prerequisite to this course, the financial topics covered in these courses complement each other. Corp. Fin. II begins with strategic financing decisions related to capital structure, dividend distribution theory and stock repurchases. Tactical financial decisions are dealt with in the topics associated with issuing securities and refunding operations. Lease financing, hybrid financing with preferred stock, warrants, and convertibles are included as topics in tactical financial decision making. The course ends with a review of working capital management and short-term financing.

Pre-Requisites: ((FIN_350)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

FIN 460 Business Forecasting

Credits: 3

Introduction to commonly used methods for forecasting business and economic activity; emphasis on real world applications to the economy, specific sectors or industries, and the firm.

Pre-Requisites: ((ECON_201 AND FIN_230)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

FIN 465 Acquisitions and Business Valuation

Credits: 3

Presents the theoretical principles and generally accepted practices of business valuation. Investigates the various valuation approaches and their underlying rationales. Examines the processes of internal and external data collection, financial statement analyses and assembly of the valuation report. Applicable to all forms of business organization.

Pre-Requisites: (ACCT_211 AND ACCT_212 AND FIN_350) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

FIN 475 International Finance

Credits: 3

To provide necessary knowledge and understanding about current issues in the international finance and business. Topics include International Financial Environment, Exchange Rates and Purchasing Power Parity, International Money and Capital Markets, Risk Evaluation a International Context and International Credit Management, and Financial Decision Making Tools and Processes for Multinational Corporations.

Pre-Requisites: (FIN_350) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

FIN 486 Special Topics

Credits: 1 - 4

FIN 491 Senior Seminar-Finance

Credits: 3

This course is designed to provide an integrative perspective of various topic areas within the context of business and society. It will require an in-depth analysis of issues through reading, discussion, and research.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

FIN 492 Financial Policy**Credits: 3**

Capstone course to Finance Majors. Provide integrative perspective in the areas of corporate finance, financial analysis and value creation. Focus on various topics in finance with emphasis on the financial decision making process at the top executive level.

Pre-Requisites: (FIN_458) and senior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

FIN 493 Statistical Concepts & Terminology**Credits: 1**

Required for graduate students who have had no previous statistics courses. It presents concepts that are essential for the student to have in order to complete a research course. It also enables business managers to understand the research reports of others.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

FIN 494 Independent Study**Credits: 1 - 3**

An approved project in an area of management of particular interest to the student with responsibility for formulation and oral defense of the required work under the guidance of a faculty member.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

FIN 495 Senior Examination**Credits: 0**

A comprehensive examination covering the Finance major.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

FIN 499 Finance Internship**Credits: 1 - 9**

The opportunity to pursue an internship is designed to supplement course materials with actual related work experience. Students are expected to integrate disciplinary knowledge into a real world setting. The student will submit weekly reports on work assignments as well as a report at the conclusion of the internship. The number of credits allowed will depend on the magnitude of the internship.

Pre-Requisites: Requires minimum credits: 60 **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

Global Studies

Program Options:

Global Studies Clusters

Usually Consists of:

1. Two or three Faculty participants; up to 25 students
2. Two or three 100-200 level LAC courses
3. A semester-long team-taught, 3 credit interdisciplinary Global Studies Seminar
4. A one-credit Voyage lasting 2-3 weeks at the end of the semester

Global Studies Seminar Only

Usually Consists of:

1. Two or three Faculty participants; up to 25 students
2. A semester-long team-taught 3 credit interdisciplinary Global Studies Seminar
3. A one-credit Voyage lasting 2-3 weeks at the end of the semester

Global Studies Experience

Usually Consists of:

1. Two-three Faculty participants; up to 25 students
2. A 1-2 credit Global Issues and Events course during a semester, interim or summer session
3. A 3-5 day trip to the city or region being studied during the semester (fall or spring break), between semesters or in the summer

Course Descriptions

GLBL 100 Global Issues & Events

Credits: 1

The purpose of this class is to provide students with a faculty supervised opportunity to attend ten hours of events on global issues held at SMSU and then engage in analysis of them through discussion and written assignment.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

GLBL 194 Independent Study

Credits: 1 - 3

Students who wish to do further work on a topic from a Global Studies cluster may take 1-3 hours of Independent Study from Cluster faculty.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

GLBL 199 Global Studies Seminar

Credits: 3

In the seminar, students and faculty will discuss, analyze, and research the cluster theme. Students will learn basic research skills in preparation for an oral group presentation. The seminar is team-taught by the three faculty teaching the other cluster courses. The seminar lab includes a voyage of 10-20 days to a site where students can study the cluster theme firsthand.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

GLBL 199L Global Studies Seminar Lab

Credits: 1

In the seminar, students and faculty will discuss, analyze, and research the cluster theme. Students will learn basic research skills in preparation for an oral group presentation. The seminar is team-taught by the three

faculty teaching the other cluster courses. The seminar lab includes a voyage of 10-20 days to a site where students can study the cluster theme firsthand.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

GLBL 394 Independent Study

Credits: 1 - 3

Students who wish to do further work on a topic from a Global Studies cluster may take 1-3 hours of Independent Study from Cluster Faculty.

Pre-Requisites: (GLBL_100) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

GLBL 399 Global Studies Seminar

Credits: 3

In the seminar, students and faculty will discuss, analyze, and research the cluster theme. Students will learn basic research skills in preparation for an oral group presentation. The seminar is team-taught by the three faculty teaching the other cluster courses. The seminar lab includes a voyage of 10-20 days to a site where students can study the cluster theme firsthand.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

GLBL 399L Global Studies Seminar Lab

Credits: 1

This lab will take place during the 2-3 week voyage associated with each Global Studies Cluster. Faculty will meet both formally, at group discussion sessions held regularly throughout the trip; and informally at the sites visited, for 15+ hours; students will complete a graded travel journal.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Hispanic Studies**Minor: Hispanic Studies(18 Credits)****I. Spanish Core Courses* (6 Credits)***Choose one course:*

SPAN 311	Spanish Composition & Conversation	Credits: 3
SPAN 312	Spanish Composition & Conversation	Credits: 3

Choose one course:

SPAN 341	Spanish Culture & Civilization	Credits: 3
SPAN 342	Latin Amer Culture & Civilization	Credits: 3

II. History Core Courses: (6 Credits)

HIST 314	Modern Latin America	Credits: 3
HIST 326	Native Americans, Africans, & Europeans	Credits: 3

III. Elective History or Spanish Course: (3 Credits)

HIST 315	Mexico & Central America	Credits: 3
HIST 321	U.S.-Latin American Relations	Credits: 3
HIST 328	History of Cuba	Credits: 3
HIST 486	Advanced Special Topics in History	Credits: 1 - 4
SPAN 4XX	Any 400-level Spanish course	Credits: 3

IV. Other Electives: (3 Credits)

ECON 390	Economic Development	Credits: 3
ECON 470	International Business & Economics	Credits: 3
INDS 310	Indigenous World View	Credits: 3
MKTG 471	International Marketing	Credits: 3
POL 320	Political Economy of the Third World	Credits: 3
POL 356	Politics of Global Economy	Credits: 3
SOCI 270	Gender Issues	Credits: 3
SOCI 318	Forces for Social Change	Credits: 3
SOCI 354	Holocaust, Genocide & Human Rights	Credits: 3

Minor: Hispanic Studies Notes:

*See Spanish Program for proficiency prerequisites

Total Credits: **18**

History

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Mike Hofstetter, Jeff Kolnick, Tom Williford

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: History](#)

[Download MAP](#)

The study of history helps students acquire the historical perspective which places human events in a chronological sequence, emphasizing the dimension of time and causality. History students explore a broad spectrum of ideas, such as nationalism, romanticism, and Marxism, as well as such themes as national and social histories, progress, industrialization, the history of women, war, rural life, and death and dying through the ages. History students develop the ability to analyze, synthesize, and make informed judgments. Open to history graduates are careers in law, teaching, county, state and national government, historical societies, the ministry, business, and others. They might also choose to become archivists or professional historians.

For 5-12 Social Science Licensure, the student must fulfill the 5-12 professional education requirements; see the [Education Department](#) regarding these requirements.

History majors shall maintain a major GPA of 2.8 with no grade lower than "C."

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: History(36 Credits)

I. History Core: (21 Credits)

HIST 210	Contemporary World History	Credits: 3
HIST 221	Early America: History of the U.S. from the Colonial Era to the Civil War	Credits: 3
HIST 222	Modern America: History of the U.S. from 1865 to the Present	Credits: 3
HIST 242	Early Europe	Credits: 3
HIST 243	Modern Europe	Credits: 3
HIST 301	Historiography	Credits: 3
HIST 487	Senior Seminar	Credits: 3

II. Electives (15 Credits)

One course in Non-Western History:

HIST 311	World in War & Crisis: 1910-1945	Credits: 3
HIST 312	World in War and Crisis: 1945-Today	Credits: 3
HIST 314	Modern Latin America	Credits: 3
HIST 315	Mexico & Central America	Credits: 3
HIST 321	U.S.-Latin American Relations	Credits: 3
HIST 326	Native Americans, Africans, & Europeans	Credits: 3
HIST 328	History of Cuba	Credits: 3
HIST 351	Origins of Islamic Civil	Credits: 3

History Electives

HIST 3XX	History courses at the 300 level or above	Credits: 12
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Bachelor of Arts: History Notes:

Students who are not seeking a Social Science licensure may substitute PHIL 331 for a history elective.

Total Credits: **36**

Minor: History(18 Credits)

I. Choose one course from two of the following groups (6 Credits)

Group A.

HIST 210	Contemporary World History	Credits: 3
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Group B.

HIST 221	Early America: History of the U.S. from the Colonial Era to the Civil War	Credits: 3
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HIST 222	Modern America: History of the U.S. from 1865 to the Present	Credits: 3
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Group C.

HIST 242	Early Europe	Credits: 3
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HIST 243	Modern Europe	Credits: 3
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*Group D***II. Required:**

HIST 301	Historiography	Credits: 3
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III. Take one elective from each category: (9 Credits)*a. Non-Western History**b. European History**c. United States History***Minor: History Notes:**

Students minoring in history are strongly encouraged to devote themselves seriously to the study of a foreign language.

Total Credits:	18
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Course Descriptions**HIST 210 Contemporary World History****Credits: 3**

This course is a broadly based survey of major developments in contemporary world history. Major topics will include colonialism and nation building, war, genocide, free trade, socialism, communism, capitalism, democracy, dictatorships, national liberation, human rights, racism, gender, and freedom. Expect units on Asia, Africa, Europe, and the Americas.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

HIST 221 Early America: History of the U.S. from the Colonial Era to the Civil War**Credits: 3**

A survey of American civilization with emphasis on the political, economic, and social aspects of our development prior to 1865.

Goal: 07- Human Diversity 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

HIST 222 Modern America: History of the U.S. from 1865 to the Present**Credits: 3**

A survey of American civilization with emphasis on the social, economic, and political history of the United States from 1865 to the present.

Goal: 07- Human Diversity 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

HIST 242 Early Europe**Credits: 3**

Course surveys European civilization from the time of the Greeks and Romans to the Renaissance.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

HIST 243 Modern Europe

Credits: 3

This course surveys European history from the Renaissance to the 20th century.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

HIST 286 Special Topics

Credits: 1 - 4

HIST 292 Honors Credit in History

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by certain students concurrently enrolled in at least one other history course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HIST 301 Historiography

Credits: 3

This course is a basic introduction to the history of history and the philosophy of history. This course should be taken as soon as possible after a student declares a history major.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

HIST 310 Environmental History

Credits: 3

This course explores processes of environmental change, examining them in their proper ecological, geographical, and historal contexts. This course also addresses the multi-faceted relationship between human beings and their surroundings as well as chaning definitions of environment and nature.

Goal: 05- Hist/Soc/Behav Sci 10- People/Environment **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

HIST 311 World in War & Crisis: 1910-1945

Credits: 3

In the first half of the twentieth century, two world wars and the Great Depression revealed the negative effects of the Industrial Revolution and European, U.S., and Japanese imperialism and competition. Through books, and films from the time period, students in this course will examine world history, politics, and culture going beyond the borders and the conflicts of Europe and the U.S. to investigate Latin America, Africa, and Asia.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

HIST 312 World in War and Crisis: 1945-Today

Credits: 3

This course examines the most important global events and trends since the end of World War Two, including the Cold War and its aftermath, the independence and economic development of newly independent states in

South Asia and Africa, the independence of Israel and conflicts in the Middle East, the transformation of China, and the economic, social, and political challenges faced in Latin America.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

HIST 314 Modern Latin America

Credits: 3

This course covers the history of Latin America since Independence, with an emphasis on the problems of reform and revolution, the socioeconomic challenges of globalization, and the cultural ferment of the region.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

HIST 315 Mexico & Central America

Credits: 3

This course surveys the history of Mexico and Central America. It will focus on Amerindian societies before conquest by Spain and other European powers. It will examine the creation of "New Spain," a colonial world neither Spanish nor Amerindian, but a combination of both. For modern times, beginning with independence in the early 19th century, the course will focus upon the successes and failures of modernization in Mexico and Central America.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 321 U.S.-Latin American Relations

Credits: 3

This course covers the history of the relations between Latin America and the United States, addressing the development and execution of U.S. foreign policy in the region, Latin American cooperation with and resistance to the U.S. and the socioeconomic challenges of globalization, and the cultural ferment of the region.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 323 Contemporary Hispanic World to 1955

Credits: 3

This course will be taught in Spanish it will serve as both an elective in Spanish and in History. Through Spanish-language sources and class discussion, students will examine the history of Spain and Spanish America since the nineteenth century to 1955. Topics include socioeconomic development the experience and effect of revolution, civil war, political violence, and dictatorship and Hispanic cultural influence in the world.

Pre-Requisites: ((SPAN_205)) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

HIST 324 Contemporary Hispanic World, 1955-Today

Credits: 3

This course will be taught in Spanish it will serve as both an elective in Spanish and in History. Through Spanish-language sources and class discussion, students will examine the history of Spain and Spanish America since 1955. Topics include socioeconomic development the experience and effect of the Cuban Revolution, guerrilla insurgencies, military regimes and dictatorships drug trafficking, reestablishment of democracies and cultural influence in the world.

Pre-Requisites: ((SPAN_205)) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

HIST 325 Africa Since 1800**Credits: 3**

This course explores the history of concepts of race and their consequences in the Americas and West Africa between the 25th and the 21st Centuries.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HIST 326 Native Americans, Africans, & Europeans**Credits: 3**

This course explores the encounter of the peoples of the Americas, Africa, and Europe in the Atlantic World to 1800, with a special emphasis on conceptualizations of race, religion, and gender.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

HIST 328 History of Cuba**Credits: 3**

This course will examine the history of Cuba, from pre-colonial times to today, including such topics as the institution of slavery, the sugar business, the struggle for independence from Spain, economic and political relations with the US, the Revolution, and the Castro regime.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 331 U.S. Since 1945**Credits: 3**

A broad look at American social, cultural, and political history in a crucial modern period.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 350 The Vietnam Wars, 1945-1975**Credits: 3**

This course examines the experience of Vietnamese and American women and men as they endured the Vietnam War. Critical examination of the Cold War, Colonialism, and Independence movements, and the experience of soldiers will be expected. The course makes extensive use of primary and secondary sources.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

HIST 351 Origins of Islamic Civil**Credits: 3**

This course will examine the origins of Islamic civilization and the beginnings of some of its key traditions. Topics will include pre-Islamic Arabia, Muhammed as a religious and political leader, Islamic law, sufism (Islamic mysticism), popular piety in the Islamic world, and Muslim social organization.

Goal: 08- Global Perspective Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

HIST 352 American Revolution and the Early Republic, 1763-1816**Credits: 3**

This course covers the years from 1763-1816, the beginnings of the American Revolution through the War of 1812. It focuses on the intellectual, social, economic and political developments that brought about the American colonies' break from Britain, the founding of the republic, and the launching of the republican experiment.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 354 Growing Up in America**Credits: 3**

This course is a history of children and youth in America from colonial times to the present. It looks across time at the role of the family, the school, and the state in relation to children.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HIST 355 Growth of U.S. Foreign Policy

Credits: 3

This course surveys American diplomatic history and the development of America's foreign policy with emphasis on the factors influencing those policies and their impact on the development of the United States.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 356 Civil War & Reconstruction

Credits: 3

This course will study events leading up to the United States Civil War, the impact of the war itself, and its aftermath. Special attention will be paid to issues of race, territorial expansion, the law, and economic development.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 359 African-American History:1500 to the Present

Credits: 3

This course examines the experience of African American women and men from slavery days until the present. We will use as an interpretative framework the concepts of resistance and institution building as a way of explaining the remarkable changes that have been the experience of black people in the United States.

Goal: 07- Human Diversity 09- Ethical/Civic Resp **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

HIST 360 American Women's History

Credits: 3

This course surveys American women's history from the colonial era through the modern era. The course will focus on the evolution of women's roles within American society and women's contributions to the development of American society. The texts used cover the stories of women from various ethnic, social, and economic backgrounds.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

HIST 362 Making of Modern America

Credits: 3

This course will focus on the thirty crucial years from 1890 to 1920 when the United States began to come to terms with itself as an urban, industrial nation and a world power.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 363 History of Social Welfare in the U.S.

Credits: 3

This course focuses on the situation of vulnerable people and American society's response to them from colonial times to the present, considering both the state and private response to those in need.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 364 Immigration & Ethnicity in U.S. History

Credits: 3

This course provides a broad historical survey of the process of migration and its impact on U.S. social, political, and cultural development.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 365 Roman Civilization

Credits: 3

This course will examine the origins and development of Roman Civilization from Etruscan times to the fall of the Western Empire. It will rely mainly on readings from primary sources.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

HIST 371 History of American West

Credits: 3

This is a course about Indians and Mountain Men, Cowboys and Outlaws, Farmers and Pioneer Mormons. The course attempts to develop an understanding of the important cultures and personalities of the West. It will also study the physical environment, mythology, fiction and history of the West.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 377 Modern Germany

Credits: 3

A history of Germany from 1815 to the present. Major topics will include the impact of the Napoleonic invasion, German nationalism, the revolution of 1848, unification, the first and second world wars, the Nazi movement, and contemporary Germany.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

HIST 378 US:1920-1945

Credits: 3

This course is designed to give the student a concentrated study of a crucial period in American history, 1920 through World War II. Emphasis will be placed on the political, economic, and social issues of the time.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 380 The Examined Life: American History through Autobiography

Credits: 3

The Examined Life is a study of the intellectual history of the United States from colonial times to the twentieth century through the medium of autobiography.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HIST 382 History of Russia

Credits: 3

This course surveys Russian civilization from the Keivan period to the present.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

HIST 384 History of England

Credits: 3

This course surveys England from Anglo-Saxon times to the present.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

HIST 387 Pro-Seminar

Credits: 3

This course is designed to provide reading and discussion of selected topics not covered in the regular curriculum and an introduction to research techniques. Must be taken the term before senior seminar.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HIST 395 Minnesota History**Credits: 3**

This course surveys the social, economic, and political development of Minnesota.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HIST 486 Advanced Special Topics in History**Credits: 1 - 4****HIST 487 Senior Seminar****Credits: 3**

In this capstone course, topics are considered through reading, discussion, and primary research. This course will include a paper based on primary resources.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

HIST 494 Individual Study in History**Credits: 1 - 4**

Prerequisite: consent of instructor. Student must propose topic and offer a preliminary bibliography.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

HIST 499 History Internship**Credits: 1 - 3**

This course is designed to provide students with an internship experience in an organization linked to their career or professional aspirations. This opportunity allows the student to explore career options and gain general work experience.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

HIST 510 GS:T&I in History**Credits: 3**

The purpose of this course is to introduce students to recent trends in the writing of history. Special attention will be dedicated to the new practice of social, cultural, and intellectual history. Some time will be dedicated to new forms of researching and writing local and regional history, with which we have so much experience and expertise.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HIST 520 GS:Is in History**Credits: 1 - 3**

Hospitality Management

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Mark Goodenow, Joyce Hwang, Yumi Lim

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Hospitality Management - Culinary Management Concentration](#)

[Download MAP](#)

[Bachelor of Science: Hospitality Management - Event Planning & Management Concentration](#)

[Download MAP](#)

[Bachelor of Science: Hospitality Management - Hotel Administration Concentration](#)

[Download MAP](#)

The Hospitality Management bachelor's degree is broad-based in design and includes studies in hotel administration, restaurant management, and culinary management. This four-year program prepares students for positions in hotels, restaurants, convention bureaus, resorts and other hospitality and recreational facilities. Our students select a concentration in restaurant or culinary management, or hotel administration as part of their degree. All three concentrations provide ample opportunity for the hospitality professionals of tomorrow to build upon their leadership and management abilities, critical thinking skills, problem solving techniques, strong financial analysis skills and customer awareness.

The Culinary Management concentration prepares graduates for positions as supervising chefs in: hotels, restaurants, clubs and resorts, cafes and eateries, hospitals, catering companies, and more. This concentration will allow students with a passion for culinary arts to obtain a baccalaureate degree and advance professionally in the future.

The Restaurant Management concentration prepares graduates for management challenges in the diverse, fast-paced and rapidly changing food service industry. This concentration develops a solid management philosophy in its graduates and prepares them for bright and rewarding careers in the food service industry. Graduates can attain positions in a variety of areas including, but not limited to: Assistant Food Service Manager, Restaurant Manager, Banquet Manager, Catering Directors, or Dining Room Manager.

The Hotel Administration concentration focuses on contemporary issues related to strategic management in the lodging industry. This concentration develops a solid management philosophy in its graduates and prepares them for bright and rewarding careers in the lodging industry. Graduates can attain entry-level employment in management trainee and supervisory positions at hotels, public institutions and private clubs, with opportunity for advancement to upper-level management positions.

Majors in Hospitality Management must have a grade point average of 2.50 in all major course work taken at SMSU and an overall GPA in major course work including courses transferred from other institutions. Any exceptions to this requirement must be approved by the faculty of the Hospitality Management program.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Hospitality Management(56-62 Credits)

A. Business Core Courses: (15 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
MGMT 221	Computer Concepts and Applications	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

B. Hospitality Core Courses: (24 Credits)

HOSP 100	Introduction to Hospitality Management	Credits: 3
HOSP 300	Hospitality Analytics	Credits: 3
HOSP 320	Hospitality Law	Credits: 3
HOSP 340	Hospitality Property Layout & Design	Credits: 3
HOSP 460	Hospitality Operations and Policy	Credits: 3
HOSP 497	Hospitality Internship I	Credits: 1 - 3
HOSP 498	Hospitality Internship II	Credits: 1 - 3
HOSP 499	Hospitality Internship III	Credits: 1 - 3

MGMT 350 Human Resources _____	Credits: 3
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Select one Nutrition course requirement:

BIOL 377 Principles of Nutrition _____	Credits: 3
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EXSC 225 Nutrition _____	Credits: 3
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C. Concentrations (Choose One):

1. Hotel Administration Concentration:

HOSP 200 Foundations of Lodging Management _____	Credits: 3
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HOSP 330 Lodging Service Management _____	Credits: 3
--	------------

HOSP 400 Sales & Convention Management _____	Credits: 3
---	------------

HOSP 420 Revenue Management in the Lodging Industry _____	Credits: 3
--	------------

HOSP 430 Hotel/Resort Management Seminar _____	Credits: 3
---	------------

Select one course from below:

HOSP 380 Restaurant Concepts _____	Credits: 3
---	------------

HOSP 405 Catering/Banquet Management _____	Credits: 3
---	------------

HOSP 410 Beverage Management _____	Credits: 3
---	------------

MGMT 450 Diversity Management _____	Credits: 3
--	------------

2. Event Planning & Management Concentration:

HOSP 200 Foundations of Lodging Management _____	Credits: 3
---	------------

HOSP 310 Expositions and Events Management _____	Credits: 3
---	------------

HOSP 325 Hospitality Service Management _____	Credits: 3
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HOSP 400 Sales & Convention Management _____	Credits: 3
---	------------

HOSP 405 Catering/Banquet Management _____	Credits: 3
---	------------

Select one course from below:

CULG 200 Culinary Arts Fundamentals _____	Credits: 4
--	------------

HOSP 380 Restaurant Concepts _____	Credits: 3
---	------------

MGMT 450 Diversity Management _____	Credits: 3
--	------------

3. Culinary Management Concentration:

CULG 200 Culinary Arts Fundamentals _____	Credits: 4
--	------------

CULG 210 Advanced Culinary Arts _____	Credits: 4
--	------------

CULG 250 Introduction to Baking & Pastry _____	Credits: 3
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HOSP 120 Food Sanitation and Safety _____	Credits: 1
--	------------

HOSP 205 Hospitality Purchasing _____	Credits: 3
--	------------

HOSP 301 Restaurant Food Operations _____	Credits: 2
--	------------

HOSP 301L Restaurant Food Operations Lab _____	Credits: 3
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Select one course from below:

CULG 300 International Cuisine _____	Credits: 3
---	------------

HOSP 380 Restaurant Concepts _____	Credits: 3
---	------------

HOSP 405 Catering/Banquet Management _____	Credits: 3
---	------------

HOSP 410 Beverage Management _____	Credits: 3
---	------------

MGMT 450 Diversity Management _____	Credits: 3
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Total Credits:	56-62
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Minor: Hotel/Lodging Management(30 Credits)

I. Hospitality Requirements: (15 Credits)

HOSP 100 Introduction to Hospitality Management _____	Credits: 3
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HOSP 200 Foundations of Lodging Management _____	Credits: 3
---	------------

HOSP 400 Sales & Convention Management _____	Credits: 3
---	------------

HOSP 420 Revenue Management in the Lodging Industry _____	Credits: 3
--	------------

HOSP 430 Hotel/Resort Management Seminar _____	Credits: 3
---	------------

II. Business Requirements: (15 Credits)

ACCT 211 Principles of Accounting I _____	Credits: 3
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ACCT 212 Principles of Accounting II _____	Credits: 3
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MGMT 300 Management Principles	Credits: 3
MGMT 350 Human Resources	Credits: 3
MKTG 301 Principles of Marketing	Credits: 3

Total Credits: **30**

Course Descriptions

HOSP 100 Introduction to Hospitality Management Credits: 3

An overview of the hospitality industry with an emphasis on career opportunities, customer service, and personal success strategies. Brief history, description and interrelationships of key industry segments emphasizing customer relations, ethics, leadership, critical thinking, and service standards for the restaurant, hotel, and travel-related businesses.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

HOSP 120 Food Sanitation and Safety Credits: 1

Students will explore food sanitation and safety procedures affecting the individual, the operation, and the facility. This course provides the opportunity for the student to earn the National Restaurant Association ServSafe certificate, which meets the State of Minnesota's requirements for Food Manager Certification.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

HOSP 200 Foundations of Lodging Management Credits: 3

Students will be introduced to the scope of the hotel industry in addition to introducing them to the organizational structure and operational mechanics of how the departments of an individual hotel and resort operate. It studies both the front-of-house and back-of-house systems, procedures and controls associated with a modern hotel and resort. Students will know how work is performed and how activities are coordinated within and between the departments. Students will have a basic understanding of facilities management, learning how to manage the physical plant of a hotel, resort or restaurant and work effectively with the engineering and maintenance department.

Pre-Requisites: ((HOSP_100)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

HOSP 205 Hospitality Purchasing Credits: 3

Procurement procedures with emphasis on orientation to the market place, specification writing and evaluation of products.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

HOSP 300 Hospitality Analytics Credits: 3

The primary emphasis of the course is on analytical and decision-making uses of "big data" - the exponential growth, availability of information, both structured and unstructured, to develop a more granular

understanding of customers behavior, needs, and expectations. This course teaches students how to use the right data in the right ways, including the use of social media, customer satisfaction surveys, financial information, and market trends to help drive greater customer and market understanding as well as improved pricing, ultimately leading towards higher growth in both revenue and profits

Pre-Requisites: ((HOSP_100)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

HOSP 301 Restaurant Food Operations

Credits: 2

Principles of and procedures used in food production management including quality control, food costing, work methods, menu planning, sanitation, safety, and service.

Pre-Requisites: ((HOSP_120 AND HOSP_205)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

HOSP 301L Restaurant Food Operations Lab

Credits: 3

Application of full service restaurant food production and management techniques in the student operated restaurant.

Pre-Requisites: ((HOSP_120 AND HOSP_205)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

HOSP 310 Expositions and Events Management

Credits: 3

Introduction to the meeting and convention industry, focusing on research, planning, supervision, and control guidelines used by the Meeting Professionals International. Emphasis is placed on strategies used for planning, developing, and marketing conventions, expositions, and trade shows, as well as the division of administrative responsibility within event planning and management.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

HOSP 315 Food, Beverage, and Labor Cost Control

Credits: 3

Analyzing food, beverage and labor cost controls. Problem solving and solution techniques are applied by students in realistic operational situations. Areas covered include: cost, volume, profit relationships; food cost determination; standard costs; forecasting; sales control and menu pricing; beverage control; and labor control.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HOSP 320 Hospitality Law

Credits: 3

This is an introductory course with emphasis placed on hotel and restaurant issues. Topics include: sources of law, court systems, jurisdiction, contracts, negligence, the innkeeper-guest relationship, and liability arising from the service of food and alcoholic beverages.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

HOSP 325 Hospitality Service Management

Credits: 3

The service is a core component of Hospitality Industry and makes managing the industry unique. The course will explore unique characteristics of service product as opposed to manufactured products and its

implications in managing Hospitality operations.

Pre-Requisites: ((HOSP_100)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

HOSP 330 Lodging Service Management

Credits: 3

Covers aspects of the relationship between guest service departments in a hotel and the housekeeping department in maintaining positive guest relations. Principles and practices along with the functions and responsibilities of departments will be examined as they relate to guest services.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

HOSP 340 Hospitality Property Layout & Design

Credits: 3

Evaluation of work analysis, design procedures, human engineering, and activity analysis. Project-based course analyzing and developing solutions to layout and design facilities for hospitality properties that address employee needs, productivity, and the guests' needs and comfort.

Pre-Requisites: ((HOSP_100)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

HOSP 360 Ethics in Hospitality

Credits: 3

Ethics are the rules of conduct we decide to live by. The application of ethics and its influence on hospitality employees, companies, the industry as a whole, and the ethical health of society at large will be examined by case studies. Students learn about life skills such as civility, courtesy, problem solving, acceptance of diversity, communications, stress management, delegation, time management, and humility. Students will also learn to analyze their decision options and their consequences.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HOSP 380 Restaurant Concepts

Credits: 3

All facets of the restaurant business is explored, including, but not limited to, fast food, fast casual, fine dining, midscale, home replacement, catering, and takeout. Students will do comparisons of chain versus independent and franchise versus non-franchise restaurants.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HOSP 400 Sales & Convention Management

Credits: 3

Analysis of methods used by sales and service departments in hospitality and tourism. Emphasis on selling, planning for, and servicing all aspects of meeting and convention business.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

HOSP 405 Catering/Banquet Management

Credits: 3

This course explores the dynamics of on and off- premise catering, from the nuts and bolts of developing the contract to making the sale and appropriately costing the entire banquet menu. Proper purchasing techniques

for food and wine as well as non-food items are studied. Students work on projects that engage their critical thinking skills while setting up mock and real banquet and catering events.

Pre-Requisites: ((HOSP_120)) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

HOSP 410 Beverage Management

Credits: 3

Planning, organizing and analysis of a beverage facility. Problem solving methods and solution techniques are applied through written projects. Topics include alcoholic beverage control regulations, examination of product, service methods and computerized control systems. Minimum age of student must be 21 years.

Pre-Requisites: ((HOSP_100) OR (CULG_100)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

HOSP 420 Revenue Management in the Lodging Industry

Credits: 3

The hotel sales department addresses the mix of group & transient business in a daily sales effort. Yield Management has morphed into today's Revenue Management. Both of these departments deal with a perishable inventory daily: the hotel "room night," which if not sold tonight does not carry over into tomorrow's inventory. This course will explore the meshing of these two areas and the importance & function of today's hotel Revenue Team. An in-depth evaluation of the STAR Report with the balanced focus of ADR, Occupancy, & RevPar will be the heart of the course.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

HOSP 430 Hotel/Resort Management Seminar

Credits: 3

Analysis and simulation of a hotel/resort operation. Competency-based skills developed by student analysis, written reports, and on-site learning opportunities in major departments of a hotel/resort including: General and Administrative, Rooms Division, Food and Beverage, Sales and Marketing, and Sports and Activities. The focus of this course is on analysis and understanding of the interdependent nature of major departments within a hotel/resort operation.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

HOSP 460 Hospitality Operations and Policy

Credits: 3

A capstone course to integrate various disciplines within the hospitality industry and utilize conceptual, analytical, and problem solving skills. Problem identification, data collection, data analysis, and generation of viable solutions are emphasized.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

HOSP 486 Special Topics: Hospitality

Credits: 1 - 4

Designed to allow for the teaching of special subjects that are not offered on a regular basis.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

HOSP 494 Directed Studies-Hotel/Restaurant

Credits: 1 - 6

HOSP 497 Hospitality Internship I

Credits: 1 - 3

Supervised employment within the student's area of study. Minimum 100 hours for 1 credit. Students must submit acceptable report and receive adequate evaluations.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

HOSP 498 Hospitality Internship II

Credits: 1 - 3

Supervised employment within the students area of study. Minimum 100 hours for 1 credit. Students must submit acceptable report and receive adequate evaluations.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

HOSP 499 Hospitality Internship III

Credits: 1 - 3

Supervised employment within the students area of study. Minimum 100 hours for 1 credit. Students must submit acceptable report and receive adequate evaluations.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

Interdisciplinary Studies

Department Office:

Phone Number:

Staff & Faculty:

The purpose of the Individual Interdisciplinary Major is to provide each student in good academic standing the opportunity to design and pursue a major (as part of his/her BA or BS degree requirements) which transcends existing majors. The IIM allows the student to formulate an integrated program from two or more disciplines that meets his/her needs in a more viable way than the traditional majors.

Majors:

Bachelor of Science: Individualized Interdisciplinary

Bachelor of Arts: Individualized Interdisciplinary

Course Descriptions

IDST 095 Taking the GRE/GMAT

Credits: 3

This course prepares students to succeed on the standardized examinations for graduate school and MBA programs (GRE and GMAT). Students will practice test-taking skills specifically geared for getting better scores on the GRE and GMAT, as well as review the basic math, English, and writing abilities that are necessary for the exams.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

IDST 099 Academic Success

Credits: 0

This course is designed to provide resources, academic strategies, and opportunities for self-assessment and exploration of at-risk student groups. This course is designed in an online format with required face-to-face meetings to provide ongoing support. Topics addressed in the course include academics, career pathways, self-awareness, course expectations, academic advising, academic success strategies, and planning for success.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

IDST 110 The University Experience

Credits: 2

The University Experience is a first semester transition course designed to facilitate students' integration into the learning community of SMSU. The course will strengthen students' skills for academic success through assessment of and instruction in learning strategies, encourage students' understanding of university culture and the value of a liberal arts education, provide for knowledgeable participation in academic advising, and participation in the diversity of campus life. Students will analyze their experience through reflective journals on topics that include learning strategies, library knowledge, and campus technology, and through developing and presenting their portfolio of applied academic strategies or thematic study.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

IDST 115 Job Search Strategies: From Backpack to Briefcase

Credits: 1

This course is to enlighten students about how to succeed in their transition from college to work. Topics like "Employer Expectations" address the importance of teamwork and communication in the corporate world and

"College vs. Workplace" explains the responsibility shift that occurs when becoming an employee. Other topics include: finances and budgeting, professional conduct, first year on the job, business ethics and importance of networking. Making the transition from college to the workplace is an often overlooked phase of building a career. Managing the transition successfully during the first year on the job is very critical to your long-term success within the organization and affects how you will be perceived and how people will react to you. Students will develop quality job search tools; identify skills and knowledge and showcase them on a resume and electronic portfolio. They will learn the necessary attitudes, work traits and strategies to help them navigate through the first year on the job successfully.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

IDST 120 Assertiveness

Credits: 1

This course is designed to help students learn how to communicate with others in a way that respects the rights of all involved. Students will learn how to identify passive, aggressive, and assertive communication & behavior in themselves and others. Opportunities to practice assertiveness will be integrated into the course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

IDST 125 Mental Health Awareness

Credits: 1

This course provides information about a variety of mental health concerns, strategies for communicating with individuals of concern, and information about mental health-related resources. Course information will be relevant to students concerned about their peers and to students pursuing education, social service, and health related careers.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

IDST 186 Special Topics

Credits: 0 - 4

IDST 270 Tutor Training

Credits: 1

Course content will include learning how to structure a successful tutoring experience, models of tutoring programs, ethics and philosophy of the SMSU tutor program, active learning strategies, using online technology in tutoring, and study techniques for learning disciplinary content. Course requirement will include 25 hours of actual tutoring. Completion of this course will qualify student for CRLA Regular/Level 1 certification, and is repeatable to qualify for Advanced/Level 2, and Master/Level 3 certification.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

Indigenous Nations and Dakota Studies

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty:

Indigenous Nations and Dakota Studies (INDS) promotes knowledge and awareness of native cultures and peoples in the U.S. through an examination of the ways in which traditional native cultures have persisted and adapted over time and how these cultures are expressed in present-day life and affairs. The program will study native cultures in general and with a special emphasis on the Dakota and Lakota people of the region. The interdisciplinary and multi-disciplinary nature of INDS will be illustrated by analytical concepts, methodologies, and contributions from disciplines such as sociology, history, religious studies, anthropology, literature, and art. The INDS minor will serve both native and non-native students by broadening their knowledge of traditional and modern native history and culture. Besides work in traditional classes, students in the minor will participate in an immersive practicum involving area native communities.

Minor: Indigenous Nations and Dakota Studies(14 Credits)

Core Requirements: (8 Credits)

INDS 101	Introduction to Indigenous Nations and Dakota Studies	Credits: 3
INDS 217	Indigenous Peoples of the Upper Midwest	Credits: 3
INDS 499	INDS Practicum	Credits: 2

Electives: (6 Credits)

HIST 326	Native Americans, Africans, & Europeans	Credits: 3
LIT 355	Native American Literature	Credits: 3
SOCI 331	Racial & Ethnic Relations in America	Credits: 3

Total Credits: **14**

Course Descriptions

INDS 101 Introduction to Indigenous Nations and Dakota Studies Credits: 3

This course introduces Indigenous Nations and Dakota Studies (INDS) with an emphasis on its interdisciplinary and multi-disciplinary nature. An orientation to the complex and diverse cultures of the indigenous peoples of the United States will be provided. The course will examine common images and assumptions pertaining to the "Indians." Analytical concepts used in approaching American Indian peoples and concerns will be studied. The course will provide an overview and sampling of contributions from key fields and disciplines (e.g., history, anthropology, sociology, education, etc.). Contemporary issues will be introduced, including decolonization, land allotments, treaty rights, and sacred sites.

Goal: 07- Human Diversity **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

INDS 217 Indigenous Peoples of the Upper Midwest Credits: 3

This course studies the history and culture of the Indigenous peoples of Minnesota. Origin and migration stories will be examined. Their interactions with each other, Europeans, and other native groups will be focused on, as well as contemporary issues facing the indigenous peoples of the Upper Midwest.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

INDS 230 Dakota History & Culture Credits: 3

A study of the Dakota people from antiquity to modern times. Primary attention is given to the Dakota people of Minnesota, especially the reservations located near Southwest Minnesota State University.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

INDS 286 Special Topics

Credits: 1 - 4

Designed to provide lower-division students with an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

INDS 310 Indigenous World View

Credits: 3

This course will introduce spiritual beliefs, values, and world views of indigenous peoples in the United States. The course will specifically examine Dakota and Anishinabe peoples of our region. Students will critically examine the topics of creation and origin, migration stories, the cycle and circle, time and space, the group and the individual, death and dying, value systems, and the American Indian Religious Freedom Act. Students will have the opportunity to examine their own spirituality, values, and beliefs.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

INDS 486 Special Topics

Credits: 1 - 4

Designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

INDS 494 Independent Study

Credits: 1 - 3

INDS 499 INDS Practicum

Credits: 2

A professional practicum for INDS minors to work within an American indigenous community in a setting related to their minor course of study.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

INDS XXX Any INDS Course

Credits: 3

Choose any Indigenous Nations and Dakota Studies (INDS) course for three credits.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Justice Administration

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: BC Franson

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Justice Administration](#)

[Download MAP](#)

The Justice Administration curriculum provides academic training for students preparing for careers in criminal justice. This academic program includes a major in Justice Administration and a minor in Criminal Justice. The Justice Administration program provides students with the opportunity and assistance to acquire knowledge of the roles of policing, courts, laws, and corrections as they contribute to social order in a free society. Students will gain knowledge of the history, major concepts, and critical policy issues in these areas through the Justice Administration required courses.

The curriculum further provides a theoretical foundation of the discipline, combined with a thorough understanding of the scientific method as it applies to Justice Administration or Criminal Justice. This curriculum also prepares students for graduate study. Graduates of the Justice Administration program are expected to continue their personal and professional development in a variety of practical settings in criminal justice.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Justice Administration(49 Credits)**I. Justice Administration Core Curriculum: (37 Credits)**

JUAD 144	Introduction to Justice & Society	Credits: 3
JUAD 240	Law Enforcement & Community Policing	Credits: 3
JUAD 242	Correction Systems	Credits: 3
JUAD 304	Victimology	Credits: 3
JUAD 338	Youth & Crime	Credits: 3
JUAD 442	Court, Police, and Corrections Management	Credits: 3
JUAD 450	Advanced Criminal Law	Credits: 3
JUAD 498	Senior Seminar in Justice Administration	Credits: 3
SOCI 315	Applied Social Research	Credits: 3

Choose one:

JUAD 370	Criminology	Credits: 3
SOCI 370	Criminology	Credits: 3

Choose one:

PHIL 103	Ethics	Credits: 3
PHIL 303	Ethical Issues in Professional Life	Credits: 3

Choose one

Notes:

(PSYC 200 and PSYC 200L are taken together for the 4 credit requirement.)

JUAD 398	Pro-Seminar	Credits: 4
PSYC 200	Statistics for the Behavioral Sciences	Credits: 3
PSYC 200L	Statistics for the Behavioral Sciences Lab	Credits: 1

II. Electives (12 Credits)

Choose 12 credits from the following list:

Notes:

At least six credits must be JUAD.

COMM 310	Persuasion	Credits: 3
COMM 356	Argumentation and Debate	Credits: 3
ENVS 107	Introduction to ArcGIS	Credits: 2
JUAD 150	Service Learning Lab	Credits: 1

JUAD 238	Restorative Justice Circle Process	Credits: 1
JUAD 239	Resolving Conflicts in Workplace Settings	Credits: 1
JUAD 246	Introduction to Security	Credits: 3
JUAD 286	Special Topics	Credits: 1 - 4
JUAD 300	Women and Justice	Credits: 3
JUAD 380	Corporate & White Collar Crime	Credits: 3
JUAD 385	Crime: Race, Poverty & Social Policy	Credits: 3
JUAD 441	Organized Crime	Credits: 3
JUAD 460	Rehabilitation & Prevention	Credits: 3
JUAD 486	Special Topics	Credits: 1 - 4
JUAD 499	Field Experience/Internship	Credits: 3 - 12
MGMT 330	Organizational Behavior and Theory	Credits: 3
MGMT 333	Conflict Resolution	Credits: 3
PHIL 305	Law, Liberty & Morality	Credits: 3
POL 227	The Judicial Process	Credits: 3
POL 328	Criminal Justice and Procedure	Credits: 3
PSYC 246	Psychology of Adjustment	Credits: 3
PSYC 265	Behavior Modification	Credits: 3
PSYC 335	Abnormal Psychology	Credits: 3
SOCI 244	Soci of Deviant Behavior	Credits: 3
SWRK 101	Social Welfare in a Changing World	Credits: 3
SWRK 280	Substance Abuse & Other Addictive Behaviors	Credits: 3
SWRK 330	Basic Interviewing Skills	Credits: 3

Total Credits: **49**

Bachelor of Applied Science: Law Enforcement Administration(42 Credits)

The B.A.S. degree is built on a “2+2” platform. During the first two years (60 credits), a student completes an Associate of Applied Science (A.A.S.) degree in Law Enforcement Administration. In the final two years (60 credits) of SMSU’s B.A.S. program, a student takes a 42-semester credit major (described below) in Law Enforcement Administration, and additional semester credit hours (SCH) of MnTC.

Degree Requirements:

Completion of the SMSU's Liberal Education Program

1. Minnesota Transfer Curriculum (MnTC) from any MnSCU campus, and
2. SMSU Liberal Education Graduation Requirements.

A minimum of 30 semester credit hours through Southwest Minnesota State University.

A minimum of 40 semester credit hours at the 300 or 400 level.

The requirements for an approved B.A.S. major.

A cumulative GPA of at least 2.0 for courses taken while enrolled at SMSU.

A. Social Science Component: (15 Credits)

JUAD 338	Youth & Crime	Credits: 3
JUAD 380	Corporate & White Collar Crime	Credits: 3
JUAD 498	Senior Seminar in Justice Administration	Credits: 3
POL 324	Local & Rural Politics	Credits: 3

Choose one:

JUAD 370	Criminology	Credits: 3
SOCI 370	Criminology	Credits: 3

B. Diversity Component (3 Credits)

Choose one of the following:

JUAD 385	Crime: Race, Poverty & Social Policy	Credits: 3
MGMT 450	Diversity Management	Credits: 3
SOCI 331	Racial & Ethnic Relations in America	Credits: 3

C. Administrative Component: (15 Credits)

ECON 380	Public Finance	Credits: 3
JUAD 442	Court, Police, and Corrections Management	Credits: 3
MGMT 300	Management Principles	Credits: 3

Choose one of the following:

MGMT 332	Interpersonal Skills in Organizations	Credits: 3
MGMT 333	Conflict Resolution	Credits: 3

Choose one of the following:

MGMT 350 Human Resources _____ Credits: 3

MGMT 454 Labor Relations _____ Credits: 3

D. Electives (Choose 3 from the following): (9 Credits)

HIST 351 Origins of Islamic Civil _____ Credits: 3

JUAD 300 Women and Justice _____ Credits: 3

JUAD 304 Victimology _____ Credits: 3

JUAD 460 Rehabilitation & Prevention _____ Credits: 3

MGMT 330 Organizational Behavior and Theory _____ Credits: 3

MGMT 460 Leadership and Team Management _____ Credits: 3

PHIL 305 Law, Liberty & Morality _____ Credits: 3

POL 325 Administrative Law and Regulation _____ Credits: 3

PSYC 325 Attitudes & Persuasion _____ Credits: 3

PSYC 335 Abnormal Psychology _____ Credits: 3

SWRK 340 Human Behavior in the Social Environment _____ Credits: 3

Total Credits: **42**

Course Descriptions

JUAD 144 Introduction to Justice & Society

Credits: 3

An introduction to the three components of the criminal justice system: police, courts, and corrections. The course includes the nature and history of criminal justice in society, development of criminal law, the extent and measurement of crime, crime prevention and control, and crime victims. For each area, current research, theoretical developments, and contemporary issues will be addressed.

Goal: 05- Hist/Soc/Behav Sci 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

JUAD 150 Service Learning Lab

Credits: 1

This course allows students to take concepts learned in class into the community and research various topics within the justice system to enhance their overall understanding of all the areas of the justice system.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

JUAD 238 Restorative Justice Circle Process

Credits: 1

This course will introduce participants to the peacemaking circle process. Topics will include: foundational values and philosophy of peacemaking circles, conflict as opportunity to build relationships, creating safe, respectful space for dialog, consensus decision making, structure of the circle process, facilitation of the circle process, practical applications of circle process, and problems and challenges in circles. This course will use the peacemaking circle process as the primary form of group work.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

JUAD 239 Resolving Conflicts in Workplace Settings

Credits: 1

This course will introduce participants to how conferencing and circle process can be used to resolve conflicts in the workplace. Topics will include: conflict resolution, foundational values and philosophy of conferencing

and peacemaking circles, conflict as opportunity to build relationships, creating safe, respectful space for dialog, facilitation of the circle process, practical applications of circle process, and problems and challenges in circles. This course will use the circle process as the primary form of group work.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

JUAD 240 Law Enforcement & Community Policing

Credits: 3

This course covers theoretical and practical problems and issues in the relationship between law enforcement agencies and the total community, along with research relevant to these areas. Problem-oriented and community law enforcement will be emphasized as well as projection of future trends.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

JUAD 242 Correction Systems

Credits: 3

This course provides critical analyses of contemporary correctional philosophy, theory, and practice, all on the basis of currently available research. Prisons, probation, parole, work-release, halfway houses, community-based corrections programs and other practices are examined historically and in current settings. Other topics include detainee treatment and classification issues, as well as roles of correctional personnel.

Pre-Requisites: (JUAD_144) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

JUAD 246 Introduction to Security

Credits: 3

An introduction to private security as it relates to business and the criminal justice system. A survey of security theory and techniques is applied to a variety of businesses, institutional and industrial settings. In addition to the historical evolution and modern rationale for security, this course addresses the technological tools of private security, the importance of security to protecting assets and profit, and loss prevention management in proprietary and governmental institutions. The work of administrative personnel and physical aspects of the security field will also be presented.

Pre-Requisites: (JUAD_144) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

JUAD 286 Special Topics

Credits: 1 - 4

This course is designed to provide students with an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

JUAD 300 Women and Justice

Credits: 3

This course will provide students with the knowledge of issues involving women in the justice system including, but not limited to, legal professionals, victims, and offenders. Students will examine various crimes, defenses, and treatment options in the context of the female offender.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

JUAD 304 Victimology

Credits: 3

This course introduces students to victimology, which is a scientific study of crime victims and their roles. The course will provide students with knowledge of the role of victims in crimes, their treatment by the

criminal justice system, their decisions to report crimes and help prosecute offenders, victim assistance, and victim compensation.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

JUAD 338 Youth & Crime

Credits: 3

A critical analysis of theories of delinquency and juvenile justice; crime statistics; significant research findings; evidence based assessment of what works and what doesn't; the juvenile justice system; juvenile court cases; street kids; the family, child abuse, school as a contributing factor, drug use, youth gangs, school shootings, prevention.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

JUAD 346 Security Administration I

Credits: 3

Study and application of security theory and methods as they relate to the retail, industrial, and institutional environments. Physical and procedural measures for ethically safeguarding money, merchandise, and information are analyzed with emphasis on protecting civil rights and coordination of efforts with non-security management and employees. Particular attention is given to deterring and detecting both internal and external theft as well as programs for training, auditing, and inventory control. A problem-solving research project is required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

JUAD 370 Criminology

Credits: 3

Explanation and critical analysis of crime and criminal behavior. This course examines measuring crime, violent crime, crimes against property, criminal careers, terrorism, and criminological and other theories of crime. Special attention is given to what works, what doesn't, significant research, meaningful theoretical insights, restorative justice, prevention, and promising programs.

Pre-Requisites: ((JUAD_144)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

JUAD 380 Corporate & White Collar Crime

Credits: 3

A critical analysis of corporate and white collar crime including crimes against consumers, unsafe products, corporate fraud, financial and banking crimes, environmental crimes, corruption of government officials and government crime. An emphasis is placed on the differences between white collar crime and other varieties of crime including enforcement and the ability of corporate criminals to influence lawmakers. The course also examines how corporations use public relations approaches to minimize their wrongdoings and rebuild their public images following criminal charges.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

JUAD 385 Crime: Race, Poverty & Social Policy

Credits: 3

This course covers the use of the criminal justice system to address what are inherently social problems. Included are over-representation of minorities and the poor in the criminal justice system, profiling, social

contributions to crime, discrimination against the poor and minorities at every juncture of the justice system and special problems of the poor and minorities. Evidence based practices which reduce crime are examined as well as ways to reduce barriers to effective participation in society.

Pre-Requisites: (JUAD_144) and junior status. **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

JUAD 398 Pro-Seminar

Credits: 4

This course is designed to provide a comprehensive review of criminal justice related literature and investigation of evidence-based best practice in the criminal justice field. This course will also include evaluation in criminal justice, working with criminal justice databases including the annual FBI uniform crime reports, self-reported studies, national crime victim's studies, Minnesota Legislature study of profiling and related studies, meta-analysis research studies, computer software, and the use of statistical data.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

JUAD 399 Criminal Procedure

Credits: 3

This course will focus on the rules of criminal procedure for the State of Minnesota and the federal government, and their relationship within the criminal justice system.

Pre-Requisites: (JUAD_144) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

JUAD 441 Organized Crime

Credits: 3

This course deals with the origins and workings of criminal groups such as street gangs, the "Mafia," criminal conspiracies, and crime networks. Particular attention will be paid to the role that crime plays in maintaining group solidarity and in creating a self-identity for individuals within the criminal group.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

JUAD 442 Court, Police, and Corrections Management

Credits: 3

This course applies theories and develops management skills for administering court processes, police organizations, and correctional agencies and institutions. Topics include designing and implementing effective programs, managing social and organizational change and the organizational culture, motivation, team building, ethical and civil rights issues, managing men and women, program evaluation, and working with the media, politicians, and the public. Special attention will be given to implementing community policing, unified court systems and court reform including restorative justice, problem solving courts and community courts, and creating secure and effective correctional institutions for inmates and staff.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

JUAD 446 Security Administration II

Credits: 3

An in-depth view of the challenges of planning, organizing, and managing the security function in a modern business, industry, or institution. Special attention to ethical and civil rights issues, staffing, development, and

supervision, as well as contractual security services, risk analysis, policy making, budgeting, legal considerations, and the sharing of goals with corporate executives and department heads. A problem-solving research project is required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

JUAD 450 Advanced Criminal Law

Credits: 3

This course will expand students understanding of criminal law through analysis and application of core concepts. Students will become familiar with the Minnesota Statutes and its use in the court process.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

JUAD 460 Rehabilitation & Prevention

Credits: 3

This course explores proactive approaches to lowering crime and delinquency. Topics include rehabilitating offenders, treatment and aftercare, program evaluation, and effective approaches to prevention. Special attention is given to treating and preventing drug abuse, domestic violence, sexual offenders, sociopaths, violence, and the extreme behaviors we call evil. The course also explores the power of healthy communities, the healthy personality, healthy relationships, and creating societies in which people thrive and there are fewer problems in the first place.

Pre-Requisites: (JUAD_144) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

JUAD 486 Special Topics

Credits: 1 - 4

This course is designed to provide upper-level students with an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

JUAD 494 Independent Study

Credits: 1 - 3

Independent study and research within the Justice Administration area. Prerequisite: consent of instructor.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

JUAD 498 Senior Seminar in Justice Administration

Credits: 3

This course serves as the capstone course for the Justice Administration major. The seminar course integrates students' accumulated knowledge of history, concepts, theory, applications, research, and presentations in the senior year.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

JUAD 499 Field Experience/Internship

Credits: 3 - 12

This course allows the Justice Administration major or Criminal Justice minor to explore the actual day-to-day operations of a specific career or field of interest by participating with a professional in that occupation. This opportunity allows the student to explore career options and gain general work experience in the chosen area of the criminal justice system.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

Liberal Arts and Sciences (AA Degree)

Course Descriptions

LEP 100 First Year Seminar

Credits: 3

The First Year Seminar (FYS) is a small, discussion oriented course that introduces students to the university's liberal arts curriculum, with a special emphasis on the development of critical thinking skills. Students will choose from a set of different topics that have been selected by the instructors. They will have the opportunity to think, discuss, and write about issues related to that topic. The FYS is taught by faculty from the university.

Goal: 02- Critical Thinking **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

LEP 400 Contemporary Issues Seminar

Credits: 3

The Contemporary Issues Seminar (CIS) is an upper-level seminar that develops creative thinking and problem solving by the use of interdisciplinary perspectives. Students choose their seminar from a variety of different contemporary themes that have been selected by the instructors. The CIS is taught by faculty from across the university.

Pre-Requisites: Requires minimum credits: 60 **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

Management

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Stacy Ball-Elias, Deb Buerkley, Jeanetta Chrystie, Kenneth Chukwuba, Kathy Schaefer, Douglas Simon

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Management-General Management Concentration](#)

[Download MAP](#)

[Bachelor of Science: Management-Human Resource Management Concentration](#)

[Download MAP](#)

[Bachelor of Science: Management-International Management Concentration](#)

[Download MAP](#)

[Bachelor of Science: Management-Supply Chain Management Concentration](#)

[Download MAP](#)

SMSU has broadened the scope of its business-related majors and minors. Building upon a solid reputation in business administration, SMSU now offers a major and a minor in Management at the baccalaureate level. This major will allow business management students to further strengthen and define their business skills and knowledge. The new curriculum is founded on a strong foundation of business core courses that are necessary for success in today's competitive economic environment. The new Management Major offers the following concentrations: General Management, Human Resource Management, International Management, and Supply Chain Management. These interesting and valuable concentrations provide management students with real options to focus their course-work towards the career opportunities that best meet their individual goals and interests.

Students with other majors could also decide to earn a Minor in Management, Human Resource Management or Supply Chain Management. The minor is built around the same core competencies as the major, and this minor can be a great addition to a student's academic credentials.

SMSU also has degree offerings that are particularly suited to transfer students who have course work and earned degrees from other colleges and universities. For example, students with degrees from two-year colleges can pursue either a B.S. in Management, or a B.A.S. in Management. To determine which degree is the best fit, transfer students should consult with the Chairperson for SMSU's Business and Public Affairs (BPA) Department. Students located at distant sites outside Marshall, Minnesota should know that the BPA Department works closely with SMSU's Distance Learning Office to operate numerous outreach programs throughout Minnesota.

SMSU's Career Services Office has years of data that consistently demonstrate the strong job placements of our management graduates. We also have a very successful and active internship program.

Our Management faculty are professionals who have industry experience and strong academic credentials. More importantly, our faculty are dedicated educators with a passion for teaching and learning. We care about our students, and we are constantly improving our programs to make sure that we are fully preparing our students for a globally-competitive business world where change is the only constant.

A grade point average of 2.50 in all major course work taken at SMSU including courses transferred from other institutions. A grade point average of 2.00 in all minor course work is required. Any exceptions to this requirement must be approved by the faculty of the Management program.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Management(57-60 Credits)

I. Business Core Courses: (33 Credits)

ACCT 211	Principles of Accounting I _____	Credits: 3
ACCT 212	Principles of Accounting II _____	Credits: 3
BLAW 305	Legal Environment and Contract Law _____	Credits: 3
ECON 201	Principles of Microeconomics _____	Credits: 3
ECON 202	Principles of Macroeconomics _____	Credits: 3
FIN 230	Business Statistics I _____	Credits: 3
FIN 350	Managerial Finance _____	Credits: 3

MGMT 221	Computer Concepts and Applications _____	Credits: 3
MGMT 300	Management Principles _____	Credits: 3
MGMT 440	International Management _____	Credits: 3
MGMT 495	Senior Examination _____	Credits: 0
MKTG 301	Principles of Marketing _____	Credits: 3

II. Management Core: (9 Credits)

MGMT 350	Human Resources _____	Credits: 3
MGMT 422	Prod & Oper Management _____	Credits: 3
MGMT 492	Business Policy _____	Credits: 3

III. Concentrations: (12 Credits)

Notes:

Students who choose to complete more than one concentration cannot double-count courses across concentrations.

A. General Management Concentration*Choose four courses from list below:*

MGMT 323	Project Management _____	Credits: 3
MGMT 325	Quality Management _____	Credits: 3
MGMT 330	Organizational Behavior and Theory _____	Credits: 3
MGMT 332	Interpersonal Skills in Organizations _____	Credits: 3
MGMT 333	Conflict Resolution _____	Credits: 3
MGMT 420	Management Information Systems _____	Credits: 3
MGMT 425	Supply Chain Management _____	Credits: 3
MGMT 450	Diversity Management _____	Credits: 3
MGMT 454	Labor Relations _____	Credits: 3
MGMT 460	Leadership and Team Management _____	Credits: 3

B. Human Resource Management Concentration*Choose four courses from the list below:*

MGMT 330	Organizational Behavior and Theory _____	Credits: 3
MGMT 332	Interpersonal Skills in Organizations _____	Credits: 3
MGMT 333	Conflict Resolution _____	Credits: 3
MGMT 450	Diversity Management _____	Credits: 3
MGMT 451	Training & Development _____	Credits: 3
MGMT 452	Staffing Management _____	Credits: 3
MGMT 453	Compensation and Benefits _____	Credits: 3
MGMT 454	Labor Relations _____	Credits: 3
MGMT 460	Leadership and Team Management _____	Credits: 3

C. International Management Concentration*Required Courses*

ECON 470	International Business & Economics _____	Credits: 3
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Choose two International Management courses from list below:

AGBU 420	International Agribusiness Management _____	Credits: 3
MKTG 471	International Marketing _____	Credits: 3
POL 355	World Political Geography _____	Credits: 3
POL 455	International Law _____	Credits: 3

Choose one course from the list below:

MGMT 330	Organizational Behavior and Theory _____	Credits: 3
MGMT 333	Conflict Resolution _____	Credits: 3
MGMT 425	Supply Chain Management _____	Credits: 3
MGMT 450	Diversity Management _____	Credits: 3
SPAN or other Foreign Language 2XX	Spanish or any other Foreign Language Course _____	Credits: 3

D. Supply Chain Management Concentration

MGMT 425 Supply Chain Management _____	Credits: 3
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Choose three courses from the following:

MGMT 322 Introduction to Management Science _____	Credits: 3
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MGMT 323 Project Management _____	Credits: 3
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MGMT 325 Quality Management _____	Credits: 3
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MGMT 420 Management Information Systems _____	Credits: 3
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MGMT 424 Simulation of Industrial and Management _____	Credits: 3
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Systems

MGMT 426 Procurement and Inventory Management _____	Credits: 3
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MGMT 427 Transportation and Logistics Management _____	Credits: 3
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MGMT 452 Staffing Management _____	Credits: 3
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Total Credits:	57-60
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Bachelor of Applied Science: Management(42 Credits)

The Bachelor of Applied Science (B.A.S.) degree program provides opportunities for individuals who have completed approved Associate of Applied Science or Associate of Science degree programs.

Degree Requirements:

Notes:

Completion of the SMSU's Liberal Education Program

1. Minnesota Transfer Curriculum (MnTC) from any MnSCU campus, and
2. SMSU Liberal Education Graduation Requirements.

A minimum of 30 semester credit hours through Southwest Minnesota State University.

A minimum of 40 semester credit hours at the 300 or 400 level.

The requirements for an approved B.A.S. major.

A cumulative GPA of at least 2.0 for courses taken while enrolled at SMSU.

Bachelor of Applied Science-Management Requirements:**A. Basic Courses:**

ACCT 211 Principles of Accounting I _____	Credits: 3
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ACCT 212 Principles of Accounting II _____	Credits: 3
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ECON 201 Principles of Microeconomics _____	Credits: 3
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ECON 202 Principles of Macroeconomics _____	Credits: 3
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FIN 230 Business Statistics I _____	Credits: 3
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MGMT 221 Computer Concepts and Applications _____	Credits: 3
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B. Upper-Division Courses:

BLAW 305 Legal Environment and Contract Law _____	Credits: 3
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FIN 350 Managerial Finance _____	Credits: 3
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MGMT 300 Management Principles _____	Credits: 3
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MGMT 330 Organizational Behavior and Theory _____	Credits: 3
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MGMT 350 Human Resources _____	Credits: 3
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MGMT 492 Business Policy _____	Credits: 3
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MGMT 495 Senior Examination _____	Credits: 0
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MKTG 301 Principles of Marketing _____	Credits: 3
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C. Elective Courses (Minimum of 3):

ECON 470 International Business & Economics _____	Credits: 3
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MGMT 323 Project Management _____	Credits: 3
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MGMT 332 Interpersonal Skills in Organizations _____	Credits: 3
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MGMT 333 Conflict Resolution _____	Credits: 3
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MGMT 420 Management Information Systems _____	Credits: 3
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MGMT 422 Prod & Oper Management _____	Credits: 3
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MGMT 425 Supply Chain Management _____	Credits: 3
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MGMT 450 Diversity Management _____	Credits: 3
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MGMT 454 Labor Relations _____	Credits: 3
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MGMT 460 Leadership and Team Management _____	Credits: 3
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MGMT 491 Senior Seminar-Management _____	Credits: 3
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D. Additional Requirements

Notes:

1. A combined total of at least 42 Semester Credits in must be earned in Categories A, B and C above.
2. Students must maintain a minimum GPA of 2.50 within the BASM major as a requirement for graduation.
3. Final approval of a student's BASM degree program shall rest with the academic advisor and SMSU's Business and Public Affairs Department.

Total Credits:	42
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Minor: Management(15 Credits)**A. Required Courses: (9 Credits)**

MGMT 300 Management Principles _____	Credits: 3
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MGMT 350 Human Resources _____	Credits: 3
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MGMT 440 International Management _____	Credits: 3
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B. Management Courses: (6 Credits)

MGMT 325 Quality Management _____	Credits: 3
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Select two from the following:

MGMT 330 Organizational Behavior and Theory _____	Credits: 3
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MGMT 332 Interpersonal Skills in Organizations _____	Credits: 3
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MGMT 333 Conflict Resolution _____	Credits: 3
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MGMT 422 Prod & Oper Management _____	Credits: 3
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MGMT 450 Diversity Management _____	Credits: 3
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MGMT 454 Labor Relations _____	Credits: 3
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MGMT 460 Leadership and Team Management _____	Credits: 3
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Minor: Management Notes:

Courses for the minor cannot be double-counted to meet the requirements of another major or minor.

Total Credits:	15
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Minor: Human Resource Management (15 Credits)**I. Required Courses:**

MGMT 300 Management Principles _____	Credits: 3
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MGMT 350 Human Resources _____	Credits: 3
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II. Human Resource Management Electives: (9 Credits)

MGMT 330 Organizational Behavior and Theory _____	Credits: 3
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MGMT 333 Conflict Resolution _____	Credits: 3
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MGMT 450 Diversity Management _____	Credits: 3
--	------------

MGMT 451 Training & Development _____	Credits: 3
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MGMT 452 Staffing Management _____	Credits: 3
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MGMT 453 Compensation and Benefits _____	Credits: 3
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MGMT 454 Labor Relations _____	Credits: 3
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Minor: Human Resource Management Notes:

Courses for the minor cannot be double-counted to meet the requirements of another major or minor.

Total Credits:	15
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Minor: Supply Chain Management(15 Credits)**I. Required Courses: (9 Credits)**

MGMT 300 Management Principles _____	Credits: 3
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MGMT 422 Prod & Oper Management _____	Credits: 3
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MGMT 425 Supply Chain Management _____	Credits: 3
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II. Electives (Choose 2 Courses) (6 Credits)

MGMT 322 Introduction to Management Science _____	Credits: 3
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MGMT 323 Project Management _____	Credits: 3
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MGMT 325 Quality Management _____	Credits: 3
--	------------

MGMT 420 Management Information Systems _____	Credits: 3
--	------------

MGMT 424 Simulation of Industrial and Management Systems _____	Credits: 3
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MGMT 426 Procurement and Inventory Management _____	Credits: 3
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MGMT 427 Transportation and Logistics Management _____	Credits: 3
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MGMT 452 Staffing Management _____	Credits: 3
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Minor: Supply Chain Management Notes:

Courses for the minor cannot be double-counted to meet the requirements of another major or minor.

Total Credits: 15

Certificate: Supply Chain Management(18 Credits)

I. Required Courses:

MGMT 323 Project Management _____	Credits: 3
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MGMT 325 Quality Management _____	Credits: 3
--	------------

MGMT 420 Management Information Systems _____	Credits: 3
--	------------

MGMT 425 Supply Chain Management _____	Credits: 3
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MGMT 426 Procurement and Inventory Management _____	Credits: 3
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MGMT 427 Transportation and Logistics Management _____	Credits: 3
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Total Credits: 18

Course Descriptions**MGMT 101 Introduction to Business Credits: 3**

This course explores all of the traditional functions performed by business, an introduction of principles and concepts of business, and the framework and environment of our free enterprise system in a global world.

Course Frequency: Fall: All Years Spring: N/A Summer: N/A

MGMT 221 Computer Concepts and Applications Credits: 3

Introduction to computers and digital computing, problem-solving using computers, and applications to management problem-solving.

Course Frequency: Fall: All Years Spring: All Years Summer: All Years

MGMT 286 Special Topics Credits: 1 - 3**MGMT 300 Management Principles Credits: 3**

Principles of management applicable to all types of organizations: planning, organizing, supervising, and controlling.

Course Frequency: Fall: All Years Spring: All Years Summer: All Years

MGMT 310 Readings in Management Credits: 1 - 2

The course provides an opportunity to study and analyze the work of important management theorists, authors, and practitioners representing different perspectives and various aspects of management including strategy, leadership, and organizational theory. The readings will encompass seminal readings in management theory, management in practice, and contemporary issues in management.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MGMT 320 Advanced Computer Applications

Credits: 3

Computer lab experience utilizing software applications to address "real world" business scenarios and decision-making. Advanced spreadsheet techniques, database applications, and presentation graphics will be emphasized.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MGMT 322 Introduction to Management Science

Credits: 3

Quantitative techniques in business decision-making, problem formulation, various mathematical models and their application, linear programming, and queuing theory.

Pre-Requisites: ((FIN_230 AND MATH_115) OR (FIN_230 AND MATH_140)) **Course Frequency:**

Fall: N/A Spring: N/A Summer: N/A

MGMT 323 Project Management

Credits: 3

A study of project planning and control including time, budget, materials, and personnel. Coursework will include Gantt charts and PERT/CPM methods, use of project management software, planning, and preliminary analysis of an actual project, and examination of critical chain issues. Simulations may be used when appropriate.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MGMT 325 Quality Management

Credits: 3

The objective of this course is for the student to learn how quality systems, both from the design and implementation perspectives, are strategically important to the success of any firm. Organizations that employ quality methodology within all organizational levels maintain a competitive advantage in the marketplace. Students will study the strategic role of quality, the key strategic drivers of quality, and will be able to apply analytic methodologies for quality improvement.

Course Frequency: *Fall: All Years Spring: N/A Summer: All Years*

MGMT 330 Organizational Behavior and Theory

Credits: 3

Development and application of concepts and theories of organizational behavior in business organizations. Behavior will be analyzed from an individual, group, and organizational perspective.

Pre-Requisites: (MGMT_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MGMT 332 Interpersonal Skills in Organizations

Credits: 3

This course is designed to increase students' self-awareness and how it relates to interpersonal and managerial effectiveness; to develop and improve advanced managerial skills such as goal-setting, time management,

negotiation, running effective meetings, team facilitation, feedback, creative problem-solving, coaching, mentoring, and empowerment.

Pre-Requisites: (MGMT_300) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MGMT 333 Conflict Resolution

Credits: 3

The course is aimed at developing the knowledge and skill level of students in the areas of conflict management and conflict resolution. As a result of completing this course, students will have a well-developed understanding of the various theories surrounding conflict, conflict resolution, and conflict management. Further, the class will address various techniques used in industry to resolve conflict situations.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MGMT 350 Human Resources

Credits: 3

MGMT 350 is designed to give students an in-depth exploration of the basic functions regarding the field of human resource management. The primary focus will include best practices and practical application strategies within the field. Content areas include strategic planning, diversity, state and federal laws and regulations, recruitment and selection, employee relations, compensation and benefits, job analysis and evaluation, performance management, training and organization development, career planning, risk management, and union relations. The course will encompass the use of current event topics and critical analysis techniques regarding human resources, including ethical implications of decisions, and apply legal and ethical decision-making skills to human resource scenarios.

Pre-Requisites: (MGMT_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

MGMT 420 Management Information Systems

Credits: 3

Examines the role of information systems in management decision-making, systems theory, and current issues in information systems.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MGMT 422 Prod & Oper Management

Credits: 3

Strategic importance of operations. Inventory control, production planning, production control, plant layout, plant location, and quality control. Students should be aware that either MATH 110, 115, 140 or 150 is a pre-requisite for FIN 230, which is a pre-requisite for this course.

Pre-Requisites: ((FIN_230 AND MGMT_300 AND MATH_110) OR (FIN_230 AND MGMT_300 AND MATH_115) OR (FIN_230 AND MGMT_300 AND MATH_140) OR (FIN_230 AND MGMT_300 AND MATH_150) OR (MATH_200 AND MGMT_300 AND MATH_110) OR (MATH_200 AND MGMT_300 AND MATH_115) OR (MATH_200 AND MGMT_300 AND MATH_140) OR (MATH_200 AND MGMT_300 AND MATH_150) OR (PSYC_200 AND MGMT_300 AND MATH_110) OR (PSYC_200 AND MGMT_300 AND MATH_115) OR (PSYC_200 AND MGMT_300 AND MATH_140) OR (PSYC_200 AND MGMT_300 AND MATH_150)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MGMT 424 Simulation of Industrial and Management Systems

Credits: 3

Methods of simulating industrial and management systems. Computer simulations of business and management decision-making.

Pre-Requisites: ((FIN_230 AND MGMT_221)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MGMT 425 Supply Chain Management

Credits: 3

Students will learn how supply chain design, planning, and operations are strategically important to the success of every firm. Organizations that excel in these areas maintain a competitive advantage over their competitors. Students will study the strategic role of supply chains as well as the key strategic drivers of supply chain performance. In addition, students will be able to apply analytic methodologies for supply chain analysis.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MGMT 426 Procurement and Inventory Management

Credits: 3

The purpose of this course is to provide students with a broad understanding and knowledge of procurement and inventory management concepts and critical issues affecting the relationships between buyers and sellers in the supply chain. The course will address the demands placed on purchasing and supply chain managers by internal and external stakeholders. Topics will include: . Procurement and Inventory management and role in organizational strategy . Purchasing processes and roles of procurement specialists . Evaluation and selection of suppliers . Negotiation and management of supplier contracts . Managing inventory in the organization and in the supply chain . Managing quality in the supply chain

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MGMT 427 Transportation and Logistics Management

Credits: 3

The purpose of this course is to provide students with a broad understanding and knowledge of transportation concepts and critical issues affecting the flow of materials and people. The concepts will include (but are not limited to) freight movements, transportation policies, modal characteristics, 3rd party logistics (3PL), security, globalization, and sustainability aspects related to transportation. In addition, the course will focus on developing transportation models. Emphasis will be placed on the application of these concepts to actual business situations. Upon completion of this course, the student should be able to: . Understand the role of transportation in a supply chain . Understand the regulations and public policies related to transportation logistics . Obtain knowledge about the pricing and costing for transportation . Understand the characteristics of various modes of transportation such as roadways, railroad, airlines, and water carriers . Learn about risks in transportation, global transportation planning and execution, 3PL . Understand the critical issues while developing transportation strategies . Develop optimization models to find efficient transportation in a supply chain

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MGMT 440 International Management

Credits: 3

Strategies and structures for multinational companies, international strategic alliances, international human resource management, motivation and leadership in multinational companies, international negotiation and cross-cultural communication, ethics and social responsibility in the multinational company.

Pre-Requisites: (MGMT_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

MGMT 450 Diversity Management

Credits: 3

The focus of MGMT 450 is to help students develop an awareness of, and sensitivity to, the needs and conditions of diverse groups theoretical and conceptual knowledge about diverse groups and specific skills in

interacting with people from various diverse groups. The class will approach discussions regarding diversity from the underlying issues surrounding privilege. Students will learn how invisible privilege impacts all aspects of life this concept will be addressed from the perspective of primary and secondary characteristics of demographic diversity.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MGMT 451 Training & Development

Credits: 3

A study of the issues associated with the training and development of the existing workforce in an organization. Includes organizational development issues.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

MGMT 452 Staffing Management

Credits: 3

This course will focus on the various aspects surrounding human resource staffing and recruiting. Specific topics will include: recruiting processes, interviewing techniques, legal issues surrounding recruiting and staffing, forecasting and job analysis techniques.

Pre-Requisites: (MATH_200) OR (FIN_230) OR (PSYC_200) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MGMT 453 Compensation and Benefits

Credits: 3

This course will focus on the various aspects surrounding the compensation and benefits field within human resource management. Specific topics will include: terminology, development and implementation of wage and salary surveys, pay audits, job evaluation techniques, legal issues, the connection between pay and performance, the rationale behind various benefit policies, and various types of benefit programs.

Pre-Requisites: (FIN_230) OR (PSYC_200) OR (MATH_200) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

MGMT 454 Labor Relations

Credits: 3

Upon completion of the course, students will have a working understanding of: 1. The evolution of unions in the United States. 2. How unions influence organizational strategic direction. 3. The advantages and disadvantages of unionization for organizations. 4. How the external environment influences both labor and management. 5. Legal aspects relative to labor-management relations. 6. The phases involved in developing a relationship between labor and management. 7. How labor agreements are developed and administered.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MGMT 460 Leadership and Team Management

Credits: 3

A study of selected models and practices in effective leadership and team management. The course includes methods and practices which provide "hands-on" management skills.

Pre-Requisites: ((MGMT_300)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MGMT 461 Professional Field Capstone

Credits: 3

The student(s) will work closely with the instructor to identify a service-learning opportunity in which the

student can experience both administrative and leadership opportunities in his/her community related to administration of a public service agency (fire service or law enforcement). The student will submit regular, written, progress reports and a final report.

Pre-Requisites: (PBAD_325 AND PBAD_350 AND MGMT_350 AND MGMT_300 AND MGMT_451 AND MGMT_460) OR (PBAD_325 AND PBAD_350 AND PBAD_410 AND MGMT_300 AND MGMT_451 AND MGMT_460) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

MGMT 462 Strategic Leadership

Credits: 3

This course focuses on the leadership issues necessary to successfully design and implement strategic change. Change at a strategic level requires leadership. Leadership without the understanding of and the element of change has little meaning. The leadership focus will be on leadership as an active engagement process that requires individuals to be willing to define and declare themselves in strategic ways. The emphasis will be on thinking at a personal, professional, and enterprise level, and applying this thinking to the critical issues of leading (and managing) individual and organizational change. It is essential that students have a rich appreciation for the implications of personal and organizational change. Change without leadership at multiple levels does not happen. Leadership without change is a non-event.

Pre-Requisites: ((MGMT_360)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

MGMT 486 Special Topics

Credits: 1 - 4

MGMT 491 Senior Seminar-Management

Credits: 3

This course is designed to provide an integrative perspective of various topic areas within the context of business and society. It will require an in-depth analysis of issues through reading, discussion, and research.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MGMT 492 Business Policy

Credits: 3

Emphasizes the functions and responsibilities of general management of business enterprises and the problems which affect the character and success of the total enterprise. Devoted to internal policy making, given constraints from the external environment. Extensive use is made of case studies from business. This is a capstone course for seniors.

Pre-Requisites: (FIN_350) and senior status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MGMT 493 Business Concepts & Terminology

Credits: 3

Required for students whose bachelor's degrees are in nonbusiness disciplines. It presents concepts in economics, finance, management and marketing that comprise a necessary body of knowledge for students who receive the Master of Business Administration degree.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MGMT 494 Independent Study

Credits: 1 - 3

An approved project in an area of management of particular interest to the student with responsibility for formulation and oral defense of the required work under the guidance of a faculty member.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MGMT 495 Senior Examination

Credits: 0

A comprehensive examination covering the Management major.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MGMT 499 Management Internship

Credits: 1 - 6

The opportunity to pursue an internship is designed to supplement course materials with actual related work experience. Students are expected to integrate disciplinary knowledge into a real world setting. The student will submit weekly reports on work assignments as well as a report at the conclusion of the internship. The number of credits allowed will depend on the magnitude of the internship.

Pre-Requisites: Requires minimum credits: 60 **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

Marketing

Department Office: ST 203A
Phone Number: 507-537-6223
Staff & Faculty: Denise Gochenouer, Michael Rich

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Marketing](#)

[Download MAP](#)

The field of marketing impacts all aspects of business in the global economy today. Success or failure of a product or service in today's highly competitive marketplace depends on a well-executed marketing program. The successful graduate of the Marketing Program at Southwest Minnesota State University will find numerous opportunities within the business community to pursue a meaningful and financially rewarding career. Typical career paths encompass both the consumer and business-to-business markets. Entry-level positions would include sales, advertising and promotion, public relations, purchasing, distribution, product development, and marketing research. Positions would exist for both domestic and international assignments. A marketing graduate could advance to positions such as sales manager, distribution manager, product development director, director of marketing research, director of sales, director of public relations, vice-president of marketing or research, to name a few of the possibilities.

Marketing majors have the opportunity to participate in the Southwest Marketing Advisory Center (SMAC), an organization that pursues actual marketing research projects for various local governmental and commercial organizations. The center has been a major force in Southwest Minnesota in promoting marketing principles and research by offering these services to commercial, governmental, and civic organizations.

The Marketing Program provides a discipline of courses that will equip the graduate to effectively excel in the competitive job market that exists today. All courses offer a balance of theory coupled with practical examples and exercises so that key elements become part of the student's working knowledge needed for successful career development following graduation.

The major in Marketing culminates in a Bachelor of Science in Marketing degree. A Bachelor of Applied Science in Marketing is also available for students transferring to SMSU with an Associate of Science degree, Associate of Applied Science degree, or a two-year technical diploma approved by the Minnesota State Colleges and Universities (MnSCU).

A minor in Marketing is also available and is an ideal supplement for those students majoring in such fields as Agriculture, Fine Arts, Management, Finance, Accounting, Chemistry, English, Environmental Science, Political Science, Speech Communication as well as Health and Fitness.

Graduation Requirement: A minimum 2.25 GPA in all Marketing major courses is required for graduation.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Pre-Major Requirements:

Students intending to major in marketing at Southwest Minnesota State University must meet the requirements listed below before being accepted into the major program.

1. Complete MATH 115, 140, or 150 with a minimum grade of "C."
2. Complete ENG 151 with a minimum grade of "C."
3. Complete SPCH 110 with a minimum grade of "C."
4. Complete 32 credit hours with a minimum 2.25 GPA.
5. Transfer students must eliminate all deficiencies in two semesters to remain in the Marketing Program.

Pre-Marketing requirements for the Marketing major are departmental requirements, not Minnesota Transfer Curriculum (MnTC) requirements. All students, including transfer and honors students, pursuing a Marketing major must meet or exceed these departmental requirements.

Bachelor of Science: Marketing(57 Credits)

I. Business Core: (33 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3
FIN 230	Business Statistics I	Credits: 3
FIN 350	Managerial Finance	Credits: 3

MGMT 221	Computer Concepts and Applications	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

Choose one course:

ECON 470	International Business & Economics	Credits: 3
MGMT 440	International Management	Credits: 3
MKTG 471	International Marketing	Credits: 3

II. Marketing Core: (15 Credits)

MKTG 331	Professional Selling	Credits: 3
MKTG 381	Advertising Management	Credits: 3
MKTG 421	Business-to-Business Marketing	Credits: 3
MKTG 441	Marketing Research	Credits: 3
MKTG 491	Strategic Marketing Policy	Credits: 3

III. Marketing Electives: (9 Credits)

MKTG 321	Retail Management	Credits: 3
MKTG 391	Consumer Behavior	Credits: 3
MKTG 411	Integrated Marketing Communications (IMC)	Credits: 3
MKTG 431	Sales Management	Credits: 3
MKTG 451	e-Marketing	Credits: 3
MKTG 461	Entrepreneurship	Credits: 3
MKTG 471	International Marketing	Credits: 3

Optional Internship:

MKTG 499	Internship in Marketing	Credits: 1 - 6
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Optional Interdisciplinary Course:

Notes:

One course from the following may replace one Marketing Elective.

ART 141	Digital Publishing	Credits: 3
ART 240	Concepts of Graphic Design	Credits: 3
BLAW 355	Commercial and Financial Law	Credits: 3
COMM 200	Small Group Communication	Credits: 3
COMM 210	Introduction to Public Relations	Credits: 3
COMM 303	Professional Presentations	Credits: 3
MGMT 333	Conflict Resolution	Credits: 3
PHIL 105	Ethical Issues in Business	Credits: 3
PSYC 318	Group Dynamics	Credits: 3
PSYC 358	Industrial/Organizational Psychology	Credits: 3

Total Credits: **57**

Bachelor of Applied Science: Marketing

In order to properly serve graduates from community colleges and technical schools, the marketing discipline offers a Bachelor of Applied Science (B.A.S.) degree. The B.A.S. degree program in Marketing will provide opportunities for individuals who have completed Associate of Applied Science (A.A.S.) or Associate of Science (A.S.) degree programs to achieve a bachelor's degree with somewhat reduced course requirements when compared to a student who has not achieved any of the two-year degrees or diplomas.

Degree Requirements:

Notes:

Completion of the SMSU's Liberal Education Program

1. Minnesota Transfer Curriculum (MnTC) from any MnSCU campus, and
2. SMSU Liberal Education Graduation Requirements.

A minimum of 30 semester credit hours through Southwest Minnesota State University.

A minimum of 40 semester credit hours at the 300 or 400 level.

The requirements for an approved B.A.S. major.

A cumulative GPA of at least 2.0 for courses taken while enrolled at SMSU.

Major Requirements:

A. Basic Courses:

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3
FIN 230	Business Statistics I	Credits: 3
MGMT 221	Computer Concepts and Applications	Credits: 3

B. Upper Division Marketing Courses:

MKTG 301	Principles of Marketing	Credits: 3
MKTG 331	Professional Selling	Credits: 3
MKTG 381	Advertising Management	Credits: 3
MKTG 421	Business-to-Business Marketing	Credits: 3
MKTG 441	Marketing Research	Credits: 3
MKTG 491	Strategic Marketing Policy	Credits: 3

C. Business Courses:

BLAW 305	Legal Environment and Contract Law	Credits: 3
ECON 470	International Business & Economics	Credits: 3
FIN 350	Managerial Finance	Credits: 3

D. Electives:

ECON 470	International Business & Economics	Credits: 3
MGMT 330	Organizational Behavior and Theory	Credits: 3
MGMT 422	Prod & Oper Management	Credits: 3
MGMT 460	Leadership and Team Management	Credits: 3
MKTG 321	Retail Management	Credits: 3
MKTG 391	Consumer Behavior	Credits: 3
MKTG 411	Integrated Marketing Communications (IMC)	Credits: 3
MKTG 431	Sales Management	Credits: 3
MKTG 451	e-Marketing	Credits: 3
MKTG 451L	e-Marketing Lab	Credits: 1
MKTG 461	Entrepreneurship	Credits: 3
MKTG 471	International Marketing	Credits: 3

E. The following limitations also apply:

Notes:

1. No more than 6 SCH of courses numbered 059-099 and no SCH courses numbered 001-049 shall count toward graduation.
2. No more than 10 SCH of credit/no credit courses outside the student's major shall count toward graduation.
3. If any course in Category A has already been taken as part of the A.A.S. or A.S. requirements, a course from the elective category must be substituted.
4. The total of all categories must be at least 42 semester credit hours.
5. The student will decide, with the approval of his or her advisor, on all actual elective courses to be taken.
6. Final approval of a student's degree program shall rest with the Marketing advisor and the department.

Minor: Marketing(15 Credits)

Marketing Minor Core: (9 Credits)

MKTG 301	Principles of Marketing	Credits: 3
MKTG 331	Professional Selling	Credits: 3
MKTG 381	Advertising Management	Credits: 3

Choose 6 credits from the following courses: (6 Credits)

MKTG 321	Retail Management	Credits: 3
MKTG 391	Consumer Behavior	Credits: 3
MKTG 411	Integrated Marketing Communications (IMC)	Credits: 3
MKTG 421	Business-to-Business Marketing	Credits: 3
MKTG 431	Sales Management	Credits: 3

MKTG 441	Marketing Research	Credits: 3
MKTG 451	e-Marketing	Credits: 3
MKTG 451L	e-Marketing Lab	Credits: 1
MKTG 471	International Marketing	Credits: 3

Total Credits: **15**

Associated in Science: Marketing(60 Credits)

I. Business Core: (15 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
FIN 350	Managerial Finance	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3

II. Marketing: (15 Credits)

Notes:

MKTG 331	Professional Selling	Credits: 3
MKTG 381	Advertising Management	Credits: 3
MKTG 421	Business-to-Business Marketing	Credits: 3
MKTG 451	e-Marketing	Credits: 3

Choose one of the following Marketing electives:

ENG 331	Business Communications	Credits: 3
MKTG 321	Retail Management	Credits: 3
MKTG 391	Consumer Behavior	Credits: 3
MKTG 431	Sales Management	Credits: 3
MKTG 461	Entrepreneurship	Credits: 3

III. Minnesota Transfer Curriculum (MnTC) for A.S. Degree: (30 Credits)

MnTC Goal 1: Communication (3 courses, 10 credits)

ENG 151	Academic Writing	Credits: 4
ENG 251	Writing in Professions	Credits: 3

MnTC Goal 2: Critical Thinking (1 course, 3 credits)

MnTC Goal 3: Natural Sciences (1 course with lab, 4 credits)

Notes:

See the complete MnTC Goal 3 list [here](#).

MnTC Goal 4: Mathematical/Logical Reasoning (1 course, 3-5 credits)

MATH 110	College Algebra	Credits: 3
MATH 115	Finite Mathematics	Credits: 3
MATH 140	Calculus: A Short Course	Credits: 3
MATH 150	Calculus I	Credits: 5

MnTC Goal 5: History and the Social and Behavioral Sciences (Choose one, 3 credits)

ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3

MnTC Goal 6: The Humanities and Fine Arts (Choose one, 3 credits)

Notes:

See the complete MnTC Goal 6 list [here](#).

Elective Minnesota Transfer Curriculum Credits (4 credits):

Notes:

Choose one or more courses totaling four (4) credits for MnTC Goals 3, 5, 6, 7, 8, 9 or 10. Subject to LEP restriction of no course prefix repetition. See current Minnesota Transfer Curriculum (MnTC) course list [here](#).

Total Credits: **60**

Course Descriptions

MKTG 301 Principles of Marketing

Credits: 3

This course will explore why marketing is the foundation for all successful businesses. Students will gain an understanding as to why businesses that do not effectively implement marketing principles will fail, even when possessing a superior product in the marketplace. Effective product development, promotional activities, distribution and pricing will be evaluated to discover the key elements needed for successful business operations.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

MKTG 310 Marketing Distribution Management

Credits: 3

Market structures, transportation networks, warehousing, communication, and selection of distribution channels.

Pre-Requisites: (MKTG_301) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

MKTG 321 Retail Management

Credits: 3

The elements necessary for a successful retail operation will be evaluated and analyzed. Store location and layout, merchandise selection, purchasing procedures, inventory control, budget planning, pricing and promotion will be examined in relation to the selected target market for the retail operation. Actual case studies will be explored for greater student understanding.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MKTG 331 Professional Selling

Credits: 3

The elements of persuasion are fully explored and developed through a team role-playing environment that culminates in a taped presentation that is replayed for class evaluation. The unique qualities of service selling are analyzed. Most emphasis in the course is placed on the business-to-business selling environment.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MKTG 381 Advertising Management

Credits: 3

This key segment of the promotional element within marketing is analyzed from the perspective of the corporate marketing function. Costs in comparison to impact for various media choices in reaching various target markets is examined. A method of evaluating advertising campaigns recommended by advertising agencies is explored by learning the strengths and limitations of each medium typically used in the discipline. Students will develop this understanding by creating an advertising campaign through a team effort.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

MKTG 391 Consumer Behavior

Credits: 3

The nature of marketing to consumers makes it virtually impossible to determine individual purchasing preferences so the market must be analyzed based on general characteristics of the target market for a product

or service. This course studies the behavioral characteristics of various consumer groups to better equip students with skills necessary to plan consumer-marketing strategies based on behavior patterns.

Pre-Requisites: (MKTG_301) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MKTG 411 Integrated Marketing Communications (IMC) Credits: 3

Today's promotional mix offers a multitude of media choices along with varied approaches to influence a target market for a given product or service. IMC is the most current approach to evaluating the relationship between personal selling, advertising, public relations and promotion and determining the distribution of resources among these elements of the promotional mix. The various forms of available media are also evaluated within the context of these various disciplines.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

MKTG 421 Business-to-Business Marketing Credits: 3

The marketing process between business organizations is much more extensive than consumer marketing in terms of transaction size and complexity. The high concentration of business-to-business firms in specific geographic areas is analyzed and the specialized marketing tools required to reach them are evaluated. The unique operating characteristics of the business marketing process is detailed, providing students with a broad understanding necessary to be productive in this lucrative segment of the marketing profession.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MKTG 425 Small Business Marketing Credits: 3

Projects and independent study; attaining a working knowledge in development of new products, determining their marketability and suitability to a given company; development of a marketing program.

Pre-Requisites: (MKTG_301) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

MKTG 431 Sales Management Credits: 3

Motivational principles are analyzed and developed to provide fundamental principles of the management role in the selling environment. Since a sales manager typically does not see his or her subordinates on a regular basis, motivation is a key factor in helping the manager to achieve the corporate objectives being pursued. Territorial assignment and management principles are also developed.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MKTG 441 Marketing Research Credits: 3

In order to determine preferences for various consumer products and services, a sampling of consumers within the target market must be questioned and their viewpoints extended to the target market as a whole. To do this effectively requires adherence to research principles so that the sample gathered actually represents the views of the marketplace as a whole. Upon the successful completion of this course, students will be able to define the research question, design an effective questionnaire, use correct sampling techniques, code the responses, analyze the data and properly report the findings.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MKTG 451 e-Marketing Credits: 3

The advent of the Internet and the World Wide Web has generated a new and vital distribution channel for marketers that is highly competitive, requiring specific skills in order to be an effective tool for today's practicing marketer. This course develops a comprehensive understanding of the requirements necessary for successfully incorporating the Internet into an integrated corporate marketing program.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MKTG 451L e-Marketing Lab

Credits: 1

This course develops a comprehensive understanding of the requirements necessary for successfully incorporating the internet into one's marketing practices. The lab will focus on learning the beginning skills such as tools, palettes, and commands. Topics will include new site creation, editing and maintenance of web pages, image, text, and PDF insertion using tables and layers.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MKTG 452 Social Media Marketing

Credits: 3

This course is intended to help students understand consumers' social interactions while examining the various social media channels available to marketers, learning how to build social marketing strategies, and practicing how to track their effectiveness. Also since social media is heavily technology-driven some of the relevant aspects in digital marketing will be covered more broadly. This includes emerging topics in electronic commerce and mobile marketing. Further the course is designed to help the student understand how marketing has (and has not) changed due to the rise of social media and changes in various underlying contextual factors, such as dramatically increased speed of information dissemination across consumers and brand.

Pre-Requisites: (MKTG_301) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MKTG 461 Entrepreneurship

Credits: 3

The marketing process between business organizations is much more extensive than consumer marketing in terms of transaction size and complexity. The high concentration of business-to-business firms in specific geographic areas is analyzed and the specialized marketing tools required to reach them are evaluated. The unique operating characteristics of the business marketing process is detailed, providing students with a broad understanding necessary to be productive in this lucrative segment of the marketing profession.

Pre-Requisites: (MKTG_301) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MKTG 471 International Marketing

Credits: 3

The global economy that exists today requires a comprehension of the unique marketing qualities that confront an organization attempting to expand the influence of a product or service beyond this nation's boundaries. You will learn the special issues and considerations that must be considered when marketing to other countries including the unique cultural qualities that must be considered when developing marketing campaigns.

Pre-Requisites: (MKTG_301) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MKTG 486 Special Topics Marketing

Credits: 1 - 4

Customized course of instruction with content approved by the Marketing advisor and course instructor.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MKTG 487 Marketing Seminar**Credits: 3**

Customized set of activities designed by the student and instructor to enhance areas of marketing understanding.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MKTG 491 Strategic Marketing Policy**Credits: 3**

This marketing capstone course will permit students to effectively use the marketing knowledge and skills developed during the entire course of study and apply that knowledge effectively in solving a series of case studies with several marketing peers in a team environment. Students will also have the opportunity to solve several cases on an individual basis. The course will briefly review marketing fundamentals at the onset to better prepare students for solving the assigned cases.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MKTG 494 Independent Study**Credits: 1 - 3****MKTG 499 Internship in Marketing****Credits: 1 - 6**

The opportunity to pursue an internship is design to supplement course materials with actual related work experience. The student will submit weekly reports on work assignments as well as a report at the conclusion of the internship. The number of credits allowed will depend on the magnitude of the internship.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

Mathematics

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Mu-wan Huang, Dan Kaiser, Heather Moreland, Sami Shahin, Wije Wijesiri, Matthew Zabka

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Applied Computational Mathematics](#)

[Download MAP](#)

[Bachelor of Arts: Mathematics](#)

[Download MAP](#)

[Bachelor of Science: Mathematics Education](#)

[Download MAP](#)

The Mathematics program is designed to meet the needs of students desiring careers in business, industry, and teaching as well as preparation for advanced studies at the graduate level. Students majoring in mathematics may apply their technical strengths to second majors in many programs such as accounting, business administration, computer science, and science. The faculty of the Mathematics programs has been selected to provide quality instruction in all branches of mathematics. ALL major and minor programs must have the approval of the student's advisor and the department faculty.

All courses counting toward the major or minor must be completed with a grade of "C-" or better.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Mathematics(47 Credits)

I. Required Courses in Mathematics: (29 Credits)

MATH 150	Calculus I	Credits: 5
MATH 151	Calculus II	Credits: 4
MATH 200	Intro to Statistics	Credits: 3
MATH 252	Calculus III	Credits: 4
MATH 320	Foundations of Mathematics	Credits: 3
MATH 325	Combinatorics	Credits: 3
MATH 350	Differential Equations	Credits: 3
MATH 360	Linear Algebra	Credits: 3
MATH 480	Mathematics Seminar	Credits: 1

II. Mathematics Electives: (9 Credits)

MATH 4XX	MATH courses numbered 400 or above	Credits: 9
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III. Additional Courses: (9 Credits)

ENG 360	Scientific & Technical Writing	Credits: 3
MATH 3XX	MATH Courses at the 300 level or above	Credits: 6

Total Credits: **47**

Bachelor of Science: Applied Computational Mathematics(56-70 Credits)

I. Required Mathematics Courses: (32 Credits)

MATH 150	Calculus I	Credits: 5
MATH 151	Calculus II	Credits: 4
MATH 200	Intro to Statistics	Credits: 3
MATH 252	Calculus III	Credits: 4
MATH 320	Foundations of Mathematics	Credits: 3

MATH 345	Numerical Analysis	Credits: 3
MATH 350	Differential Equations	Credits: 3
MATH 360	Linear Algebra	Credits: 3
MATH 455	Applied Mathematics	Credits: 3
MATH 480	Mathematics Seminar	Credits: 1

II. Required Computer Science Courses (8 Credits)

COMP 164	Essentials of Computer Science	Credits: 3
COMP 164L	Essentials of Computer Science Lab	Credits: 1
COMP 165	Fundamentals of Programming	Credits: 3
COMP 165L	Fundamentals of Programming Lab	Credits: 1

III. Electives (Four courses from the following list with at least two at the 400 level): (12 Credits)

COMP 306	Object-Oriented Design & Programming	Credits: 3
COMP 307	C# Programming	Credits: 3
COMP 324	Design and Analysis of Algorithms	Credits: 3
COMP 328	Theory of Computation	Credits: 3
MATH 325	Combinatorics	Credits: 3
MATH 370	Operations Research	Credits: 3
MATH 430	Probability & Statistics	Credits: 3
MATH 440	Abstract Algebra	Credits: 3
MATH 450	Introduction to Real Analysis	Credits: 3
MATH 460	Complex Analysis	Credits: 3

IV. Other Required Courses: (3 Credits)

ENG 360	Scientific & Technical Writing	Credits: 3
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V. Additional Requirements: (13-27 Credits)

Notes:

A minor in one of the following: Biology, Computer Science, Environmental Science, Exercise Science, Finance, Physics OR the following Chemistry courses:

CHEM 231	General Chemistry I	Credits: 3
CHEM 231L	General Chemistry I Lab	Credits: 1
CHEM 232	General Chemistry II	Credits: 3
CHEM 232L	General Chemistry II Lab	Credits: 2
CHEM 351	Organic Chemistry I	Credits: 3
CHEM 351L	Organic Chemistry I Lab	Credits: 2
CHEM 365	Quantum Chemistry and Spectroscopy	Credits: 3
CHEM 467	Computational Chemistry	Credits: 3
CHEM 470	Advanced Laboratory	Credits: 1 - 4

Total Credits: **56-70****Bachelor of Science: Mathematics Education(44 Credits)****I. Required Courses in Mathematics: (32 Credits)**

MATH 150	Calculus I	Credits: 5
MATH 151	Calculus II	Credits: 4
MATH 200	Intro to Statistics	Credits: 3
MATH 252	Calculus III	Credits: 4
MATH 300	Modern Geometry	Credits: 3
MATH 320	Foundations of Mathematics	Credits: 3
MATH 325	Combinatorics	Credits: 3
MATH 350	Differential Equations	Credits: 3
MATH 360	Linear Algebra	Credits: 3
MATH 480	Mathematics Seminar	Credits: 1

II. Mathematics Electives (9 Credits)

MATH 4XX MATH courses numbered 400 or above _____ Credits: 9

III. Additional MATH Courses (3 Credits)

MATH 3XX MATH courses at the 300 level or above _____ Credits: 3

Special Notes:

Notes:

1. A student must fulfill the 5-12 professional education requirements for licensure; see [Education section](#).
2. A student should have a "B" (3.00) average in all required mathematics courses before being recommended for admission to the education licensure program.
3. A student should maintain a "B" (3.00) average in all required mathematics courses including a minimum of 22 credits completed before being recommended for student teaching.

Total Credits: 44

Minor: Mathematics (Non-Teaching)(22 Credits)**I. Required Courses in Mathematics: (16 Credits)**

<u>MATH 150</u>	Calculus I	_____	Credits: 5
<u>MATH 151</u>	Calculus II	_____	Credits: 4
<u>MATH 252</u>	Calculus III	_____	Credits: 4
<u>MATH 320</u>	Foundations of Mathematics	_____	Credits: 3

II. Additional Courses: (6 Credits)

MATH 2XX MATH courses at the 200 level or above. _____ Credits: 6

Total Credits: 22

Course Descriptions**MATH 060 Intermediate Algebra****Credits: 3**

Algebraic skill-building for students anticipating further courses in mathematics or areas using mathematics. Covers polynomials, roots and powers, lines and solving linear inequalities, and linear, quadratic, and rational equations.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MATH 101 Great Ideas of Mathematics**Credits: 3**

This course investigates mathematics by introducing selected mathematical models and examining how they are applied to real world problems. Students are expected to use mathematical techniques in the application of the models studied in the course. The required preparation is MATH 060 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MATH 110 College Algebra**Credits: 3**

A study of the fundamental concepts of algebra. Topics include: equations and inequalities polynomial, rational, exponential, and logarithmic functions and their graphs, and systems of linear equations.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: (MATH_060) or (a score of 22 on test ACT Math) or (a score of 480 SAT Math) or (a score of 60 on Intermediate Algebra Placement Test - CAT) or (a score of 76 on Accuplacer Elementary Algebra) or (a score of 50 on Accuplacer College Level Math) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

MATH 115 Finite Mathematics

Credits: 3

Solving systems of linear equations, matrix operations, and an introduction to linear programming, including the simplex method, mathematics of finance, counting techniques, and probability. The required preparation is MATH 110 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

MATH 125 Trigonometry & Special Functions

Credits: 3

Trigonometry, both circular functions and right triangle, trigonometric equations, logarithms, exponential functions, and complex numbers. The required preparation is MATH 110 or three years of high school mathematics, not including trigonometry. Students who do not meet the stated requirements may be dropped from the course.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: (MATH_110) or (a score of 22 on ACT Math) or (a score of 480 on SAT Math) or (a score of 60 on Intermediate Alg placement Test-CAT) or (a score 76 on Accuplacer Elementary Algebra) and (a score of 50 on Accuplacer College Level Math) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MATH 129 Mathematics for Elementary Education

Credits: 3

This is the mathematics content course for elementary education majors, which focuses on the content areas that must be taught at the elementary school level. Topics include problem solving, numeracy, discrete math, probability, statistics, and geometry. An understanding of the underlying mathematical concepts is developed to allow students to master the associated mathematical procedures.

Pre-Requisites: (MATH_110) or (MATH_125) or (MATH_135) or (MATH_140) or (a score of 24 on test ACT MATH) or **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MATH 135 Precalculus

Credits: 5

A detailed study of the mathematics needed for calculus. Concepts are presented and explored from symbolic, graphical, and numerical perspectives. Basic concepts covered include polynomial, rational, exponential, logarithmic, and trigonometric functions, complex numbers, linear systems, numerical patterns, sequences and series. Students who do not meet the stated requirements may be dropped from the course.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: (MATH 060 with C or better) or (MATH 110) or (a score of 22 on ACT Math) or (a score of 480 on SAT Math) or (a score of 60 on Intermediate Alg placement Test-CAT) or (a score 76 on Accuplacer Elementary Algebra) and (a score of 50 on Accuplacer College Level Math) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 140 Calculus: A Short Course

Credits: 3

A short study of differential and integral calculus with applications. An intuitive approach to calculus is emphasized. The required preparation is MATH 110 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 150 Calculus I

Credits: 5

Differential calculus of elementary functions, including applications. Introduction to integration. The required preparation is MATH 125 or MATH 135 or three years of high school mathematics including trigonometry.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MATH 151 Calculus II

Credits: 4

A continuation of Calculus I to include further techniques of integration and applications, Taylor approximations, sequences and series, plane analytical geometry, parametric equations, including polar coordinates. Students who do not receive a grade of C- or better in Math 150 (or equivalent) may be dropped from the course.

Goal: 04- Mathematical/Logical Reasoning

Pre-Requisites: ((MATH_150)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 200 Intro to Statistics

Credits: 3

Introduction to measures of central tendency, measures of dispersion, frequency distributions, large and small samples, testing of hypotheses, and correlation analysis. Use of computers in statistical analysis. The required preparation is MATH 110 or three years of high school mathematics.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MATH 201 Statistical Software

Credits: 1

Use of statistical software including SPSS and MINITAB. Graphical and numerical methods of summarizing data, hypothesis testing, regression analysis, ANOVA, and other statistical procedures. Check the validity of statistical model assumptions. The required preparation is completion or enrollment in MATH 200 or equivalent or familiarity with statistical procedures.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MATH 210 Discrete Mathematics

Credits: 3

Algebraic, logical, and combinatoric techniques and their applications to various areas including Computer Science. The required preparation is MATH 110 or three years of high school mathematics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 252 Calculus III

Credits: 4

Vectors and the geometry of two and three space, functions of several variables, differentiability, arc length and surface area, extrema and Lagrange multipliers, multiple integration, line and surface integrals, and the

theorems of Green, Gauss, and Stokes. Students who do not receive a grade of a C- or better in Math 151 (or equivalent) may be dropped from the course.

Pre-Requisites: ((MATH_151)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 286 Special Topics in Mathematics

Credits: 1 - 4

MATH 292 Honors Credit in Math

Credits: 1 - 4

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by certain students concurrently enrolled in at least one other Mathematics course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 300 Modern Geometry

Credits: 3

The postulation systems of geometry, including Euclidean and non-Euclidean geometries, projective and affine geometry.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MATH 305 History of Mathematics

Credits: 3

Lives and contributions of mathematicians and the development of ideas and branches of mathematics.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 310 Number Theory

Credits: 3

The integers, including Peano postulates, divisibility, congruencies, Diophantine equations, and continued fractions.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 320 Foundations of Mathematics

Credits: 3

The "nature" of mathematics, the axiomatic method, the theory of sets, the real number continuum, and various viewpoints on the foundations of mathematics. Students who do not receive a grade of C- or better in MATH 150 (or equivalent) may be dropped from the course.

Pre-Requisites: (MATH_150) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MATH 325 Combinatorics

Credits: 3

A survey of some of the techniques of combinatorial mathematics and their application. Topics include connectivity, planarity and colorability of graphs, graph isomorphisms, enumeration techniques, recurrence

relations, and generating functions.

Pre-Requisites: (MATH_320) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 345 Numerical Analysis

Credits: 3

Finite differences and applications; interpolation formulas; inversion of matrices; numerical methods of solution of equations; numerical differentiation and integration.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 350 Differential Equations

Credits: 3

Exact solutions and applications of differential equations.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MATH 360 Linear Algebra

Credits: 3

Matrices and determinants with applications to vector spaces (linear transformations and eigenvalues) and the solution of systems of linear equations.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MATH 370 Operations Research

Credits: 3

Several types of optimizing techniques, including linear programming, simulations, applications of probability, and dynamic programming.

Pre-Requisites: (MATH_151) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 394 Directed Studies in Mathematics

Credits: 1 - 4

Independent study of mathematical topics not ordinarily covered in the established courses. May be repeated.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 430 Probability & Statistics

Credits: 3

An introduction to calculus of probabilities and mathematical statistics, including discrete and random variables, mathematical expectation, probability distributions, sampling, hypothesis tests, regression, and correlation.

Pre-Requisites: (MATH_151 AND MATH_200 AND MATH_320) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 431 Probability & Statistics II

Credits: 3

A continuation of MATH 430 (Probability & Statistics)

Pre-Requisites: (MATH_430) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 440 Abstract Algebra

Credits: 3

Topics may include groups, rings, fields, or fields

Pre-Requisites: (MATH_151 AND MATH_320) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 441 Abstract Algebra II

Credits: 3

A continuation of MATH 440 (Abstract Algebra)

Pre-Requisites: (MATH_440) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 450 Introduction to Real Analysis

Credits: 3

A theoretical investigation of the real numbers. Topics include sequences, series and convergence, limits and continuity of functions, differentiation, and integration.

Pre-Requisites: (MATH_151 AND MATH_320) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 451 Advanced Calculus II

Credits: 3

A continuation of MATH 450 (Advanced Calculus)

Pre-Requisites: (MATH_450) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 455 Applied Mathematics

Credits: 3

Partial differential equations of physics and engineering including Laplace, heat and wave equations, Fourier series methods and the methods of separation of variables. Additional topics may include Sturm-Liouville problems, Green's functions, and the method of characteristics.

Pre-Requisites: (MATH_252 AND MATH_350) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 460 Complex Analysis

Credits: 3

The algebra of complex numbers, analytic functions, mapping properties of the elementary functions, Cauchy's Theorem, Cauchy's integral formula and residues.

Pre-Requisites: (MATH_252) and junior status. **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 480 Mathematics Seminar

Credits: 1

This course is designed to acquaint the student with current research in mathematics by a review of current

mathematical literature sources. Students integrate and synthesize their backgrounds by presenting a problemsolving or research project. Repeatable for a total of four credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MATH 486 Advanced Topics in Mathematics

Credits: 1 - 4

MATH 499 Internship in Mathematics

Credits: 1 - 16

On-the-job supervised experience and study dealing with applications of mathematics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 500 GS:Algebraic Found of Math

Credits: 3

This course integrates concepts from elements of algebra, abstract algebra and number theory. It extends the concepts first considered at the undergraduate level by using symbolic logic and methods of proof. The theory of algebraic equations, including roots of polynomials, the fundamental theorem of algebra and the solution of third and fourth degree equations is emphasized.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MATH 501 Introduction to Mathematical Logic

Credits: 3

An introduction to mathematical logic. Topics include: Sentential logic, the predicate calculus, the statement calculus and its completeness theorem, first order theories, consistency and completeness, and Godel's Theorem.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 505 Topic in History of Math

Credits: 4

A survey of the history of mathematics. Students will investigate the historical basis for some of the major themes in mathematics including the contributions made by individuals and cultures. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 510 Advanced Number Theory

Credits: 3

Number theory, which is one of the most ancient branches of mathematics and continues to be an active area of research, is the study of integers, the most basic structure of mathematics, and many of their fascinating properties. For example, it has a major recent day application in communications and cryptography. Topics include proof by induction, divisibility, primes, uniqueness of factorization, congruencies, Chinese Remainder Theorem, Cryptography, Pythagorean triples and other Diophantine equations, Pell's Equation, primarily testing, factoring methods, primitive roots, perfect numbers, rational versus irrational, and continued fractions, quadratic congruencies, and quadratic reciprocity. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

MATH 515 Advanced Discrete Mathematics

Credits: 3

An extension of the usual material presented in an undergraduate course in Discrete Mathematics. Topics will include: coding theory, Polya enumeration, scheduling and bin packing, and combinatorial games. A current

computer software package will be utilized to explore these topics. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 530 Statistics

Credits: 3

This course is designed to give students both the theoretical and practical aspects of statistics. Topics include probability distributions of discrete and continuous random variables, mathematical expectations, multivariate distributions, correlations, confidence intervals, hypothesis testing, linear regression, and use of technology. The required preparation for this course is an undergraduate course in statistics, and an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: N/A Summer: Odd Years*

MATH 545 Advanced Geometry

Credits: 3

This course reviews Euclidean, synthetic, analytic, plane and solid geometry, then compares Euclidean geometry to the more recent developments in geometry dealing with non-metric properties. Projective geometry, affine geometry, and topological geometry are used as examples of non-Euclidean systems. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Even Years*

MATH 550 Real Analysis

Credits: 3

Topics include: metric spaces, compactness, countability, convergence, continuity, uniform convergence and continuity, differentiation, and integration. The objective of this course is to provide a foundation in the mathematical analysis behind the Calculus. The required preparation for this course is an undergraduate major in Mathematics or Mathematics Education

Course Frequency: *Fall: N/A Spring: N/A Summer: Even Years*

MATH 560 Applied Linear Algebra

Credits: 3

An extension of the usual material presented in an undergraduate course in Linear Algebra. Topics include vector spaces and linear transformations, algebra of polynomials, invariant subspaces, LU, QR and singular value decompositions, symmetric, positive definite, and Hermitian matrices, inner product spaces, and the spectral theorem. The required preparation for this course is an undergraduate major in mathematics or mathematics education.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MATH 586 Selected Topics in Mathematics

Credits: 3

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MATH 600 GS:Math Research Project

Credits: 3

Directed research on a selected topic(s) in mathematics and/or mathematics education. Topics pertaining to mathematics education should be consistent with the Standards of the National Council of Teachers of

Mathematics (NCTM).

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

Music

Department Office: FA 207
Phone Number: 507-537-7103
Staff & Faculty: John Ginocchio, Stephen Kingsbury, Daniel Rieppel

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Music with emphases in Instrumental Performance](#)

[Download MAP](#)

[Bachelor of Arts: Music in Liberal Arts](#)

[Download MAP](#)

[Bachelor of Arts: Music with emphases in Piano Performance & Pedagogy](#)

[Download MAP](#)

[Bachelor of Arts: Music with emphases in Theory/Composition](#)

[Download MAP](#)

[Bachelor of Arts: Music with emphases in Vocal Performance](#)

[Download MAP](#)

[Bachelor of Arts: Music with emphasis in Management](#)

[Download MAP](#)

[Bachelor of Science in Music Education: Instrumental/General](#)

[Download MAP](#)

[Bachelor of Science in Music Education: Vocal/General](#)

[Download MAP](#)

The Music Program seeks to create an environment conducive to the development of musical understanding and appreciation, creativity, utilization of technology and artistic performance. Specific objectives are to achieve personal and professional growth through the development of artistic sensitivity in the music-making; to contribute to the understanding and development of aesthetic insight to empower individuals for discovering and achieving personal improvement; to develop a cross-fertilization of musical styles and world music through research, scholarship, performance, creative expression and utilization of technology; to prepare professionally competent musicians; and to provide the musical knowledge, skill, and experience for those who wish to build a teaching career in music.

The department offers extra-curricular and co-curricular activities which are open to all students regardless of their major. All prospective students wishing to declare a major in music must successfully complete and pass an audition which will include the performance of a prepared piece representative of the student's current musical and technical skills; scales (and/or rudiments for percussionists); sight reading; basic ear training; a music theory diagnostic; and an interview with the music faculty.

The SMSU Music Program is an accredited member of the National Association of Schools of Music. For further information and advising recommendations refer to the Music Program Student/Faculty Handbook available in the Music Program Office.

Music degree candidates must receive a grade of "C" or better in all music courses in order for those courses to count toward graduation. Furthermore, all music majors must maintain a 2.7 GPA in order to graduate.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Music (with specialized music emphases)(45-58 Credits)

With emphases in:

Music in the Liberal Arts (45)

Instrumental Performance (58)

Piano Performance & Pedagogy (58)

Theory/Composition (58)

Vocal Performance (58)

Core Music Requirements: (30 Credits)

MUS 110	Public Performance Studies	Credits: 0
MUS 172	Music Theory I	Credits: 2
MUS 172L	Music Theory I Lab	Credits: 1
MUS 174	Music Theory II	Credits: 2
MUS 174L	Music Theory Lab II	Credits: 1

MUS 260	Piano Competency _____	Credits: 0
MUS 272	Music Theory III _____	Credits: 2
MUS 272L	Music Theory Lab III _____	Credits: 1
MUS 274	Chromatic, Post-Tonal, & 20th Century Theory _____	Credits: 2
MUS 274L	Chromatic, Post-Tonal, & 20th Century Theory Lab _____	Credits: 1
MUS 300	Junior Proficiency Exam _____	Credits: 0
MUS 366	Conducting _____	Credits: 2
MUS 370	Form and Analysis _____	Credits: 2
MUS 377	Orchestration & Choral Arranging _____	Credits: 2
MUS 381	Music History: Medieval through Baroque _____	Credits: 3
MUS 382	Music History: Classic-20th Century _____	Credits: 3

Notes:

MUS 110 Public Performance Studies: Students are required to enroll and pass 7 semesters.

*Major Ensembles**

MUS 333	Jazz Band _____	Credits: 0 - 2
MUS 335	Symphonic Chamber Winds _____	Credits: 0 - 2
MUS 337	SW Minnesota Orchestra _____	Credits: 0 - 2
MUS 355	Chorale _____	Credits: 0 - 2

Notes:

*Degree candidates need 6 credits of major ensemble for graduation but are also required to be in a major ensemble every semester while at SMSU.

I. Emphasis in Music in the Liberal Arts (15 Credits)

MUS 2XX	Primary Lessons _____	Credits: 6
MUS 494	Independent Study _____	Credits: 1 - 4

Notes:

MUS 494 Independent Study (3 credits) Project must draw relationships between music and an outside field. Projects must be approved by the student's advisor.

Select two Musical Cultural Electives from the following:

MUS 101	Survey of World Music _____	Credits: 3
MUS 102	American Music _____	Credits: 3
MUS 104	Popular Music _____	Credits: 3

Notes:

Students are encouraged to take courses in various and/or specific disciplines in order to better recognize relationships between music and other disciplines. However, in order to graduate, students must complete 40 hours of upper-division course work (300 or higher). Music courses comprise 27 of these hours; therefore students must complete at least 13 hours of upper division courses in their secondary area(s).

II. Emphasis in Instrumental Performance (28 Credits)

MUS 1XX	Secondary Lessons _____	Credits: 4
MUS 2XX	Primary Lessons _____	Credits: 8
MUS 327	Applied Improvisation _____	Credits: 2
MUS 397	Junior Instrumental Recital _____	Credits: 0
MUS 3XX	Primary Lessons _____	Credits: 8
MUS 474	Music Management & Public Relations _____	Credits: 3
MUS 497	Senior Instrumental Recital _____	Credits: 0 - 1

Notes:

Lessons must be taken concurrently with **MUS 397** Junior Recital & **MUS 497** Senior Recital.

Instrumental Methods Elective

Notes:

Select a Methods course associated with the primary instrument.

MUS 318	Applied Brass Methods _____	Credits: 2
MUS 328	Applied Woodwind Methods _____	Credits: 2
MUS 330	Applied Percussion Methods _____	Credits: 2
MUS 348	Applied String Methods _____	Credits: 2

III. Emphasis in Piano Performance and Pedagogy (28 Credits)

MUS 327	Applied Improvisation _____	Credits: 2
MUS 375	Applied Composition _____	Credits: 2

MUS 399	Junior Keyboard Recital	Credits: 0
MUS 474	Music Management & Public Relations	Credits: 3
MUS 499	Senior Keyboard Recital	Credits: 0 - 1

Applied Piano:

Applied Piano

MUS 261	Applied Piano, Lower Division	Credits: 2 - 3
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Applied Piano

MUS 361	Applied Piano, Upper Division	Credits: 2 - 3
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Harpsichord:

MUS 263	Applied Harpsichord, Lower Division	Credits: 2 - 3
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Select from the following Teaching Methods Courses:

MUS 392	Elementary School Music Methods and Materials	Credits: 2
MUS 460	Applied Piano Teaching Methods	Credits: 2
MUS 462	Piano Laboratory Methods	Credits: 1
MUS 466	Applied Piano Literature	Credits: 2
MUS 468	Piano Pedagogy Workshop	Credits: 2

IV. Emphasis in Theory/Composition (28 Credits)

MUS 1XX	Secondary Lessons	Credits: 4
MUS 2XX	Primary Lessons	Credits: 6
MUS 373	Applied Counterpoint	Credits: 2
MUS 498	Senior Composition Recital	Credits: 0

Composition

MUS 375	Applied Composition	Credits: 2
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Piano

MUS 261	Applied Piano, Lower Division	Credits: 2 - 3
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Notes:

If piano is the primary instrument, choose a different secondary instrument.

Select two Musical Cultural Electives from the following:

MUS 101	Survey of World Music	Credits: 3
MUS 102	American Music	Credits: 3
MUS 104	Popular Music	Credits: 3

Notes:

Majors with emphasis in Theory/Composition are encouraged to complete their minimum of 120 credit hours with courses that may be helpful in relation to composition (Ex. Business, Marketing, Aesthetics, Philosophy, Foreign Language, etc.) or with a series of electives covering diverse areas that may prove useful in a composition career (Ex. Art, Humanities, Literature, History, Speech Communications, etc.)

V. Emphasis in Vocal Performance* (28 Credits)

MUS 396	Junior Vocal Recital	Credits: 0
MUS 454	Vocal Pedagogy	Credits: 1 - 2
MUS 455	Vocal Diction for Singers	Credits: 2
MUS 456	Choral and Vocal Literature	Credits: 2
MUS 474	Music Management & Public Relations	Credits: 3
MUS 496	Senior Vocal Recital	Credits: 0 - 1

Notes:

Lessons must be taken concurrently with **MUS 396** Junior Recital and **MUS 496** Senior Vocal Recital.

* Voice students are encouraged to take Applied Opera Workshop (2 credits) up to two times in order to prepare for professional careers and graduate school. In addition, it is suggested that voice students take foreign language courses while at SMSU as vocalists are expected to sing in multiple languages. These can be elective courses within the 120 credit degree requirement.

Voice

Applied Voice

MUS 251	Applied Voice, Lower Division	Credits: 2 - 3
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Applied Voice

MUS 351	Applied Voice, Upper Division	Credits: 2 - 3
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Piano

MUS 261	Applied Piano, Lower Division	Credits: 2 - 3
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Total Credits:	45-58
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Bachelor of Arts: Music (with emphasis in Management)(72 Credits)**I. Core Music Requirements (41 Credits)**

MUS 110	Public Performance Studies	Credits: 0
MUS 172	Music Theory I	Credits: 2
MUS 172L	Music Theory I Lab	Credits: 1
MUS 174	Music Theory II	Credits: 2
MUS 174L	Music Theory Lab II	Credits: 1
MUS 260	Piano Competency	Credits: 0
MUS 272	Music Theory III	Credits: 2
MUS 272L	Music Theory Lab III	Credits: 1
MUS 2XX	Primary Lessons	Credits: 8
MUS 300	Junior Proficiency Exam	Credits: 0
MUS 370	Form and Analysis	Credits: 2
MUS 381	Music History: Medieval through Baroque	Credits: 3
MUS 382	Music History: Classic-20th Century	Credits: 3
MUS 474	Music Management & Public Relations	Credits: 3

Notes:

MUS 110 Public Performance Studies: Students are required to enroll and pass 3 semesters.*Major Ensembles**

MUS 333	Jazz Band	Credits: 0 - 2
MUS 335	Symphonic Chamber Winds	Credits: 0 - 2
MUS 337	SW Minnesota Orchestra	Credits: 0 - 2
MUS 355	Chorale	Credits: 0 - 2

Notes:

* Degree candidates need 6 credits of major ensemble for graduation, but are also required to be in a major ensemble every semester while at SMSU except during internships.

Select seven credits from the following Music Electives:

MUS 101	Survey of World Music	Credits: 3
MUS 102	American Music	Credits: 3
MUS 104	Popular Music	Credits: 3
MUS 274	Chromatic, Post-Tonal, & 20th Century Theory	Credits: 2
MUS 274L	Chromatic, Post-Tonal, & 20th Century Theory	Credits: 1

Lab

MUS 392	Elementary School Music Methods and Materials	Credits: 2
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MUS 3XX	Secondary Lessons	Credits: 2
MUS 3XX	Ensemble Electives	

II. Core Business Requirements (36 Credits)

ACCT 211	Principles of Accounting I	Credits: 3
BLAW 305	Legal Environment and Contract Law	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
ECON 202	Principles of Macroeconomics	Credits: 3
FIN 230	Business Statistics I	Credits: 3
FIN 350	Managerial Finance	Credits: 3
MGMT 221	Computer Concepts and Applications	Credits: 3
MGMT 300	Management Principles	Credits: 3
MGMT 323	Project Management	Credits: 3
MGMT 495	Senior Examination	Credits: 0
MGMT 499	Management Internship	Credits: 1 - 6
MKTG 301	Principles of Marketing	Credits: 3

Notes:

MGMT 499 Management Internship must be taken for 3 credits to meet requirements.

Select One Course from the following Business Electives:

ACCT 212 Principles of Accounting II	Credits: 3
MGMT 422 Prod & Oper Management	Credits: 3
MGMT 425 Supply Chain Management	Credits: 3
MGMT 454 Labor Relations	Credits: 3

Bachelor of Arts: Music (with emphasis in Management) Notes:

++ Music Management majors are encouraged to complete their minimum of 120 credit hours with electives that may prove useful in a music management career (i.e., Business, Mathematics, Speech Communications, Foreign Language, etc.)

Total Credits: **72**

Bachelor of Science: Music Education(68-70 Credits)

Specializations and Licensures:

1. Vocal Music & Classroom K-12
2. Instrumental Music & Classroom K-12

Because of the frequently changing state requirements in the field of education, please note the following: While you are assured of being able to graduate by fulfilling the requirements listed in the catalog when the major is declared, the latest requirements at the time of graduation must be fulfilled for teacher certification in Minnesota.

I. Core Requirements in Music: (39 Credits)

MUS 101 Survey of World Music	Credits: 3
MUS 110 Public Performance Studies	Credits: 0
MUS 140 Guitar Proficiency Class	Credits: 1
MUS 172 Music Theory I	Credits: 2
MUS 172L Music Theory I Lab	Credits: 1
MUS 174 Music Theory II	Credits: 2
MUS 174L Music Theory Lab II	Credits: 1
MUS 260 Piano Competency	Credits: 0
MUS 272 Music Theory III	Credits: 2
MUS 272L Music Theory Lab III	Credits: 1
MUS 274 Chromatic, Post-Tonal, & 20th Century Theory	Credits: 2
MUS 274L Chromatic, Post-Tonal, & 20th Century Theory Lab	Credits: 1
MUS 300 Junior Proficiency Exam	Credits: 0
MUS 366 Conducting	Credits: 2
MUS 370 Form and Analysis	Credits: 2
MUS 377 Orchestration & Choral Arranging	Credits: 2
MUS 381 Music History: Medieval through Baroque	Credits: 3
MUS 382 Music History: Classic-20th Century	Credits: 3
MUS 392 Elementary School Music Methods and Materials	Credits: 2
MUS 393 Secondary Ensemble & Classroom Methods	Credits: 3

Notes:

MUS 110 Public Performance Studies: Students are required to enroll and pass 7 semesters.

Six Credits of Major Ensembles:

MUS 333 Jazz Band	Credits: 0 - 2
MUS 335 Symphonic Chamber Winds	Credits: 0 - 2
MUS 337 SW Minnesota Orchestra	Credits: 0 - 2
MUS 355 Chorale	Credits: 0 - 2

Notes:

*Degree candidates need 6 credits of major ensemble for graduation but are also required to be in a major ensemble every semester while at SMSU.

II. Specialization (Choose one): (28 Credits)

A. Instrumental Music and Classroom Music K-12

MUS 1XX Secondary Lessons	Credits: 4
MUS 2XX Primary Lessons	Credits: 8
MUS 308 Instrumental Methods	Credits: 3
MUS 3XX Primary Lessons	Credits: 6

MUS 408	Advanced Instrumental Methods	Credits: 3
MUS 454	Vocal Pedagogy	Credits: 1 - 2
MUS 477	Applied Instrumental Conducting	Credits: 2
MUS 497	Senior Instrumental Recital	Credits: 0 - 1

Notes:

Lessons must be taken concurrently with Senior Recital.

B. Vocal Music and Classroom Music K-12

MUS 308	Instrumental Methods	Credits: 3
MUS 454	Vocal Pedagogy	Credits: 1 - 2
MUS 455	Vocal Diction for Singers	Credits: 2
MUS 456	Choral and Vocal Literature	Credits: 2
MUS 476	Applied Choral Conducting	Credits: 2
MUS 496	Senior Vocal Recital	Credits: 0 - 1

Notes:

Lessons must be taken concurrently with Senior Recital.

Applied Voice, Lower Division:

MUS 251	Applied Voice, Lower Division	Credits: 2 - 3
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Applied Voice, Upper Division:

MUS 351	Applied Voice, Upper Division	Credits: 2 - 3
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Applied Piano:

MUS 261	Applied Piano, Lower Division	Credits: 2 - 3
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Notes:

MUS 261 must be completed after passing MUS 260 Piano Competency

III. Professional Education Requirements

Notes:

All music education majors must also complete a series of professional education courses in order to graduate and qualify for licensure in Minnesota. Please see Secondary Education Majors: K-12 Licensure in the Education portion of the Academic Catalog. Students should also examine the policies outlined in this part of the catalog for Application to Teacher Education Program, Student Teaching, Graduation Requirement, and Additional Information.

Total Credits: **68-70**

Minor: Music(23 Credits)

For acceptance into the Music minor program, all Music minors should contact a music faculty member for specific information.

I. Minor Requirements:

MUS 110	Public Performance Studies	Credits: 0
MUS 172	Music Theory I	Credits: 2
MUS 172L	Music Theory I Lab	Credits: 1
MUS 174	Music Theory II	Credits: 2
MUS 174L	Music Theory Lab II	Credits: 1
MUS 260	Piano Competency	Credits: 0

Notes:

MUS 110 Public Performance Studies, students must enroll and pass 3 semesters to meet the minor requirements.

Applied Lessons:

MUS 2XX	Primary Lessons or Applied Voice	Credits: 6
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Select one Music History Course:

MUS 381	Music History: Medieval through Baroque	Credits: 3
MUS 382	Music History: Classic-20th Century	Credits: 3

Major Ensembles:

MUS 333	Jazz Band	Credits: 0 - 2
MUS 335	Symphonic Chamber Winds	Credits: 0 - 2
MUS 337	SW Minnesota Orchestra	Credits: 0 - 2
MUS 355	Chorale	Credits: 0 - 2

Notes:

Minimum of 3 semesters required.

Music Electives:

MUS XXX Choose any Music Courses numbered 100-499 for a total of 5 credits. Credits: 5

Total Credits: **23**

Course Descriptions

MUS 100 Introduction to Music

Credits: 3

Deals in a historical and cultural context with Western music, helping the student become an intelligent and perceptive listener to the various modes of musical expression of the past and present.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 101 Survey of World Music

Credits: 3

This course explores the music of the world's people. Emphasis is on non-Western traditions. American musical cultures will be explored through Native and African American traditions. Students will examine the various sounds, patterns, and structures of music from around the globe. World cultures will be explored in terms of belief systems about the significance of music, contexts for using music, activities involving music, and the aesthetics of music. Students will experience various repertoires, styles, and genres of music and consider the effects of the media on globalization of music culture.

Goal: 06- Humanities/Fine Arts 08- Global Perspective **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 102 American Music

Credits: 3

The study of the history of American classical and vernacular music, starting from pure rural strains of diverse cultural groups, and then mixing and branching out in new directions, developing into complex urban forms. It will include: folk, country and western, blues, gospel, barber shop, jazz, rock, musical theater, band, classical, and other American traditions.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: N/A Summer: Dept Discretion*

MUS 104 Popular Music

Credits: 3

This course allows students to explore the history, development, and cultural influence of popular music, musicians, and the music industry. Particular emphasis is placed on: the relationship between popular music of the past 90 years and the cultures from which it came including the social, economic, and political forces that have influenced it the evolution and roots of American popular music and the study of music, musicians, and the popular styles of the past 90 years and those of greatest interest to the individual student.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MUS 110 Public Performance Studies

Credits: 0

Students will learn the art of public musical performance and develop their knowledge of various musical genres, styles, and repertoire. Students will discuss issues in musical performance and attend lectures by experienced performers/educators.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 111 Applied Trumpet, Non-Major

Credits: 2

Private trumpet instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate

literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 112 Applied Horn, Non-Major

Credits: 2

Private horn instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 113 Applied Trombone, Non-Major

Credits: 2

Private trombone instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 114 Applied Euphonium, Non-Major

Credits: 2

Private euphonium instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 115 Applied Tuba, Non-Major

Credits: 2

Private tuba instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 121 Applied Flute, Non-Major

Credits: 2

Private Flute instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 122 Applied Oboe, Non-Major

Credits: 2

Private oboe instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate

literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 123 Applied Clarinet, Non-Major**Credits: 2**

Private clarinet instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 124 Applied Bassoon, Non-Major**Credits: 2**

Private bassoon instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 125 Applied Saxophone, Non-Major**Credits: 2**

: Private saxophone instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 131 Applied Percussion, Non-Major**Credits: 2**

Private percussion instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 140 Guitar Proficiency Class**Credits: 1**

Study basic guitar techniques and develop skills that will satisfy the requirement for teacher certification in the public schools. To provide a recreational subject for the general student body.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

MUS 141 Applied Violin, Non-Major**Credits: 2**

Private violin instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate

literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 142 Applied Viola, Non-Major

Credits: 2

Private viola instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 143 Applied Cello, Non-Major

Credits: 2

Private cello instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 144 Applied Bass, Non-Major

Credits: 2

Private bass instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 149 Applied Guitar, Non-Major

Credits: 2

Private guitar instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 151 Applied Voice, Non-Major

Credits: 2

Private voice instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 161 Applied Piano, Non-Major

Credits: 2

Private piano instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate

literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 162 Applied Organ, Non-Major

Credits: 2

Private organ instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 163 Applied Harpsichord, Non-Major

Credits: 2

Private Harpsichord instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 165 Applied Harp, Non-Major

Credits: 2

Private harp instruction. For non-music majors and minors as well as for majors and minors studying a secondary performance area. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 170 Foundations of Aural Theory

Credits: 2

The development of exceptional aural skills is essential for all music majors. Skills such as melodic and harmonic dictation, error detection, and sight singing along with written theory skills developed in other theory courses create a strong foundation for individuals seeking careers in any musical field. This course serves as a corequisite to MUS 172, Music Theory I and must be taken in the same semester

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MUS 172 Music Theory I

Credits: 3

A careful study of the common practice of composers from the late 17th century through the 20th century. This knowledge is indispensable to all musicians, whether they are performers, conductors, composers, or teachers of music. This course serves as a co-requisite to MUS 170, Foundations of Aural Theory, and must be taken in the same semester.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MUS 172 Music Theory I

Credits: 2

A careful study of the common practice of composers from the late 17th century through the 19th century. This knowledge is indispensable to all musicians, whether they are performers, conductors, composers, or

teachers of music. Theory placement exam is required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MUS 172L Music Theory I Lab

Credits: 1

Musicianship training in keyboard, sight singing, and ear training. 171 to be taken concurrently with 172.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MUS 173 Class Piano I

Credits: 2

Group instruction in piano specifically designed for those students with little previous background.

Enrollment is limited with preference given to music majors and minors completing piano requirements.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MUS 174 Music Theory II

Credits: 2

A careful study of the common practice of composers from the late 17th century through the 19th century.

This knowledge is indispensable to all musicians, whether they are performers, conductors, composers, or teachers of music.

Pre-Requisites: (MUS_172) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MUS 174L Music Theory Lab II

Credits: 1

Musicianship training in keyboard, sight singing, and ear training. To be taken concurrently with MUS 174.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MUS 175 Class Piano II

Credits: 2

Group instruction in piano specifically designed for those students with little previous background.

Enrollment is limited with preference given to music majors and minors completing piano requirements.

Pre-Requisites: (MUS_173) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MUS 186 Special Topics

Credits: 1 - 4

MUS 211 Applied Trumpet, Lower Division

Credits: 2 - 3

Private trumpet instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 212 Applied Horn, Lower Division

Credits: 2 - 3

Private horn instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information

necessary for crafting compelling performance and issues related to performers' health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 213 Applied Trombone, Lower Division

Credits: 2 - 3

Private trombone instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers' health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 214 Applied Euphonium, Lower Division

Credits: 2 - 3

Private euphonium instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers' health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 215 Applied Tuba, Lower Division

Credits: 2 - 3

Private tuba instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers' health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 221 Applied Flute, Lower Division

Credits: 2 - 3

Private flute instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers' health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 222 Applied Oboe, Lower Division

Credits: 2 - 3

Private oboe instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers' health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 223 Applied Clarinet, Lower Division

Credits: 2 - 3

Private clarinet instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers' health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 224 Applied Bassoon, Lower Division

Credits: 2 - 3

Private bassoon instruction at the freshman and sophomore level. For music majors and minors. Emphasis on

the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 225 Applied Saxophone, Lower Division

Credits: 2 - 3

Private saxophone instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 231 Applied Percussion, Lower Division

Credits: 2 - 3

Private percussion instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 241 Applied Violin, Lower Division

Credits: 2 - 3

Private violin instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 242 Applied Viola, Lower Division

Credits: 2 - 3

Private viola instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 243 Applied Cello, Lower Division

Credits: 2 - 3

Private cello instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 244 Applied Bass, Lower Division

Credits: 2 - 3

Private bass instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 249 Applied Guitar, Lower Division

Credits: 2 - 3

Private guitar instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 251 Applied Voice, Lower Division

Credits: 2 - 3

Private voice instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 260 Piano Competency

Credits: 0

To set minimum standards of piano competency for students earning degrees with a major or minor in music.

Pre-Requisites: (MUS_172) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 261 Applied Piano, Lower Division

Credits: 2 - 3

Private piano instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 262 Applied Organ, Lower Division

Credits: 2 - 3

Private organ instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 263 Applied Harpsichord, Lower Division

Credits: 2 - 3

Private harpsichord instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 265 Applied Harp, Lower Division

Credits: 2 - 3

Private harp instruction at the freshman and sophomore level. For music majors and minors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 272 Music Theory III

Credits: 2

A careful study of the common practice of composers from the late 17th century through the 20th century.

This knowledge is indispensable to all musicians, whether they are performers, conductors, composers, or teachers of music.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MUS 272L Music Theory Lab III

Credits: 1

Musicianship training in keyboard, sight singing, and ear training. To be taken concurrently with MUS 272.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

MUS 273 Class Piano III

Credits: 2

Group instruction in piano specifically designed for those students with little previous background.

Enrollment is limited with preference given to music majors and minors completing piano requirements.

Pre-Requisites: (MUS_175) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

MUS 274 Chromatic, Post-Tonal, & 20th Century Theory

Credits: 2

The detailed study of compositional devices, formal structures, and theoretical constructs used by composers of the 20th Century. Emphasis is placed on recognizing a variety of techniques used in actual compositions and recognition of the unique musical sounds created through these procedures.

Pre-Requisites: (MUS_272) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

MUS 274L Chromatic, Post-Tonal, & 20th Century Theory Lab

Credits: 1

The detailed study of compositional devices, formal structures, and theoretical constructs used by composers of the 20th Century. Emphasis is placed on recognizing a variety of techniques used in actual compositions and recognition of the unique musical sounds created through these procedures. To be taken concurrently with MUS 274.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

MUS 275 Class Piano IV

Credits: 2

Group instruction in piano specifically designed for those students with little previous background.

Enrollment is limited with preference given to music majors and minors completing piano requirements

Pre-Requisites: (MUS_273) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

MUS 286 Special Topics

Credits: 1 - 4

MUS 300 Junior Proficiency Exam

Credits: 0

The purpose of this exam is to ensure an appropriate level of performance proficiency and content knowledge for the primary instrument or voice for all music majors. Students are expected to complete their junior

proficiency during their third or fourth semester of applied study. Students will have no more than three opportunities to pass their Junior Proficiency. Students must continue to take applied lessons until the Junior Proficiency has been passed. All students must be enrolled in the appropriate "Applied" lessons course during the semester of their Junior Proficiency.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 308 Instrumental Methods

Credits: 3

This course teaches basic performance skills on one instrument from each of the four instrument families (woodwinds, brass, strings, and percussion) and addresses pedagogical methods and materials used in teaching these instruments to students. This course includes performance assessments, material reviews, and teaching assignments designed to prepare educators and performers for the teaching field.

Pre-Requisites: ((MUS_172)) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

MUS 311 Applied Trumpet, Upper Division

Credits: 2 - 3

Private trumpet instruction at the junior and senior level. A continuation of MUS 211. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 312 Applied Horn, Upper Division

Credits: 2 - 3

Private horn instruction at the junior and senior level. A continuation of MUS 212. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 313 Applied Trombone, Upper Division

Credits: 2 - 3

Private trombone instruction at the junior and senior level. A continuation of MUS 213. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 314 Applied Euphonium, Upper Division

Credits: 2 - 3

Private euphonium instruction at the junior and senior level. A continuation of MUS 214. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as

background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 315 Applied Tuba, Upper Division

Credits: 2 - 3

Private tuba instruction at the junior and senior level. A continuation of MUS 215. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 318 Applied Brass Methods

Credits: 2

The course is designed to survey pedagogical materials, history, methods of instruction, basic concepts of brass performance, and other relevant topics related to brass instruments. Students study trumpet, trombone, horn, euphonium, and tuba.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MUS 321 Applied Flute, Upper Division

Credits: 2 - 3

Private flute instruction at the junior and senior level. A continuation of MUS 221. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 322 Applied Oboe, Upper Division

Credits: 2 - 3

Private oboe instruction at the junior and senior level. A continuation of MUS 222. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 323 Applied Clarinet, Upper Division

Credits: 2 - 3

Private clarinet instruction at the junior and senior level. A continuation of MUS 223. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 324 Applied Bassoon, Upper Division

Credits: 2 - 3

Private bassoon instruction at the junior and senior level. A continuation of MUS 224. For music majors.

Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 325 Applied Saxophone, Upper Division

Credits: 2 - 3

Private saxophone instruction at the junior and senior level. A continuation of MUS 225. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 327 Applied Improvisation

Credits: 2

This course is a hands-on applied lesson in Jazz improvisation. Students will learn the basics of jazz improvisation through listening as well as performing on their instrument. Students will be introduced to various methods and technologies currently in use in jazz and jazz education. An outgrowth of this applied lesson can be performance of small group jazz in the SMSU Jazz Combo.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MUS 328 Applied Woodwind Methods

Credits: 2

This course is designed to survey pedagogical materials, history, methods of instruction, and basic concepts of woodwind instruments. Students study flute, oboe, bassoon, saxophone and clarinet.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MUS 330 Applied Percussion Methods

Credits: 2

This course is designed to study the pedagogical and performance techniques of orchestral and band percussion instruments, pedagogical materials, and other topics related to percussion instruments.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MUS 331 Applied Percussion, Upper Division

Credits: 2 - 3

Private percussion instruction at the junior and senior level. A continuation of MUS 231. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 332 Pep Band

Credits: 0 - 2

This ensemble performs at all home basketball games and various tournament/post-season games. Membership is open to any University student. A scholarship is available for members of this group.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 333 Jazz Band

Credits: 0 - 2

Students with an interest in performance of "Big Band" jazz are encouraged to participate in this ensemble. Various jazz styles will be studied, to include: swing, latin, ballad, jazz-rock, and blues. Membership is open, through audition, to any University student. Auditions are held during the first week of class each fall.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 335 Symphonic Chamber Winds

Credits: 0 - 2

The Symphonic Chamber Winds is an auditioned ensemble consisting of 10 to 20 musicians (on woodwinds, brass, percussion, and occasional strings). The ensemble performs music of all historical periods and cultural origins written for chamber ensembles of 4 to 16 musicians. Music is assigned in a flexible format with one person per part and musicians performing independently on one or more instruments.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

MUS 337 SW Minnesota Orchestra

Credits: 0 - 2

Open to all students, faculty, and other interested orchestral players.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 339 Concert Band

Credits: 0 - 2

The Concert Band is a one night a week performance ensemble open to all SMSU students regardless of major as well as interested community members. Music selected will include pieces of varying styles and difficulty levels.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 341 Applied Violin, Upper Division

Credits: 2 - 3

Private violin instruction at the junior and senior level. A continuation of MUS 241. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 342 Applied Viola, Upper Division

Credits: 2 - 3

Private viola instruction at the junior and senior level. A continuation of MUS 242. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 343 Applied Cello, Upper Division

Credits: 2 - 3

Private cello instruction at the junior and senior level. A continuation of MUS 243. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 344 Applied Bass, Upper Division **Credits: 2 - 3**

Private bass instruction at the junior and senior level. A continuation of MUS 244. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 348 Applied String Methods **Credits: 2**

This course is designed to survey pedagogical materials, history, methods of instruction, basic concepts of string performance, and other relevant topics related to string instruments. Students will study violin, viola, cello, and bass.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MUS 349 Applied Guitar, Upper Division **Credits: 2 - 3**

Private guitar instruction at the junior and senior level. A continuation of MUS 249. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 351 Applied Voice, Upper Division **Credits: 2 - 3**

Private voice instruction at the junior and senior level. A continuation of MUS 251. For music majors. Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 352 Vocal Ensemble **Credits: 0 - 2**

The study and performance of vocal literature for mens and womens choirs. Offerings include Bella Voce (womens choir) and the SMSU Mens Glee Club. Open to all students by audition.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 355 Chorale**Credits: 0 - 2**

Performance of choral literature of all periods, voices, and nationalities. Open to all students by audition.
Concurrent enrollment in MUS 352 (Vocal Ensemble) required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 357 Applied Opera Workshop**Credits: 2**

Open to a selected group of students for performance of operatic literature, study of scores, acting, actual presentation of literature.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MUS 361 Applied Piano, Upper Division**Credits: 2 - 3**

Private piano instruction at the junior and senior level. A continuation of MUS 261. For music majors.
Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

MUS 362 Applied Organ, Upper Division**Credits: 2**

Private organ instruction at the junior and senior level. A continuation of MUS 262. For music majors.
Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 363 Applied Harpsichord, Upper Division**Credits: 2**

Private harpsichord instruction at the junior and senior level. A continuation of MUS 263. For music majors.
Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 365 Applied Harp, Upper Division**Credits: 2**

Private harp instruction at the junior and senior level. A continuation of MUS 265. For music majors.
Emphasis on the development of technique and the exploration of appropriate literature, as well as background information necessary for crafting compelling performance and issues related to performers health

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 366 Conducting**Credits: 2**

Basic concepts in choral and instrumental conducting, including: score reading, score interpretation,

comprehensive musicianship, rehearsal techniques, and programming.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

MUS 370 Form and Analysis

Credits: 2

The detailed study of form and analysis brings together the various skills and techniques learned in previous study of music theory, performance, history, and other Liberal Education Program courses. These skills and techniques show the student how to study music from the inside out and facilitate a more sophisticated level of musical and critical thinking.

Pre-Requisites: (MUS_272) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

MUS 373 Applied Counterpoint

Credits: 2

Applied lessons in composing melodic structure and the combination of melodic line in two, three, and four voices in 16th or 18th century styles.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 375 Applied Composition

Credits: 2

Individualized instruction in the art of composition of music. Students will compose short works for traditional instruments and/or voices while exploring techniques and materials of modern music.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

MUS 377 Orchestration & Choral Arranging

Credits: 2

A study of ranges and capabilities of individual instruments of the orchestra, band and other instrumental ensembles. Advanced study of techniques in choral and instrumental arranging.

Pre-Requisites: (MUS_174) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

MUS 380 Special Topic: Idea of Music

Credits: 2

A course designed as an elective for non-music majors interested in acquiring the language of music and various ideas expressed throughout the history of music.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

MUS 381 Music History: Medieval through Baroque

Credits: 3

Studies of musical development from early music through the music of the Baroque period. Emphasis is placed on music literature and understanding how the development of music related directly to social, cultural, and political forces.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

MUS 382 Music History: Classic-20th Century**Credits: 3**

A study of music from the classical period to the present. Emphasis is placed on music literature and understanding how the development/composition of music related directly to social, cultural, and political forces.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

MUS 391 Teaching Music in Elementary Schools**Credits: 3**

A study in methods and materials of music and techniques and principles of musical education in the elementary grades. Content includes a study of the fundamentals of music with applications for the elementary classroom. The course is designed for Elementary Education majors, non-music majors.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 392 Elementary School Music Methods and Materials**Credits: 2**

Methods, materials organization, and procedures for teaching general music classes and other related musical organizations in the school, grades K-6. For Music Majors.

Pre-Requisites: ((MUS_172)) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

MUS 393 Secondary Ensemble & Classroom Methods**Credits: 3**

This course will look at methods for teaching classroom music in middle school and high school situations as well as commonly scheduled ensembles at these levels including choir, show choir, jazz choir, concert band, marching band, and jazz ensemble. Emphasis is placed on learning teaching strategies as well as area related skills associated with each ensemble.

Pre-Requisites: (MUS_308 AND MUS_366) OR (MUS_366 AND MUS_454) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

MUS 396 Junior Vocal Recital**Credits: 0**

On the recommendation of the applied instructor, a junior student with an applied emphasis in voice will be permitted to perform a full or half recital. A recital proposal must be presented to the music faculty for approval at the jury examination or at least ten weeks prior to the recital date. Concurrent enrollment in 300-level applied study is required.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 397 Junior Instrumental Recital**Credits: 0**

On the recommendation of the applied instructor, a junior student with an applied emphasis on a wind or percussion instrument will be permitted to perform a full or half recital. A recital proposal must be presented to the music faculty for approval at the jury examination or at least ten weeks prior to the recital date. Concurrent enrollment in 300-level applied study is required.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 399 Junior Keyboard Recital**Credits: 0**

On the recommendation of the applied instructor, a junior student will be permitted to perform a full or half recital. A recital proposal must be presented to the Music faculty for approval at the jury examination or at least ten weeks prior to the recital date. Concurrent enrollment in 300-level applied study is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 408 Advanced Instrumental Methods

Credits: 3

This course builds on the skills learned in MUS 308, Instrumental Methods. Students will learn basic performance skills on additional instruments from each of the four instrument families (woodwinds, brass, strings, and percussion) and examine more advanced pedagogical methods for teaching these instruments and materials used in teaching students at a more advanced level. This course includes performance assessments, material reviews, and teaching assignments designed to prepare educators and performers for the teaching field.

Pre-Requisites: (MUS_308) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

MUS 454 Vocal Pedagogy

Credits: 1 - 2

An examination of fundamental principles of vocal instruction including the structure and operation of the vocal mechanism, systematic building of vocal technique, diagnostic and corrective techniques, instructional strategies, and the adolescent changing voice. Course requires students to teach vocal instructions to others.

Pre-Requisites: (MUS_251) OR (MUS_352) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

MUS 455 Vocal Diction for Singers

Credits: 2

Proper pronunciation, enunciation, articulation, and projection of English, Latin, Italian, German, French, and Spanish texts and to study the representative vocal music literature in each language.

Pre-Requisites: ((MUS_251)) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

MUS 456 Choral and Vocal Literature

Credits: 2

Historical overview of literature for choral ensembles and solo singers with emphasis on the performance styles and interpretive problems of the choral conductor and/or singer.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

MUS 460 Applied Piano Teaching Methods

Credits: 2

Techniques, literature, and materials relating to first piano lessons for beginners through intermediate levels. Students will be encouraged to make full use of resources in the University Library.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 462 Piano Laboratory Methods

Credits: 1

How to organize and maintain a piano laboratory studio, and the techniques, literature, and materials for teaching piano students in groups will be explored.

Course Frequency: *Fall: N/A Spring: N/A Summer: Dept Discretion*

MUS 466 Applied Piano Literature

Credits: 2

The history and development of keyboard music will be explored. Stress will be placed upon becoming acquainted with the different styles of music literature and problems of interpretation and performance.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 468 Piano Pedagogy Workshop

Credits: 2

For piano teachers, offered one week in the summer. Methods, techniques and performance.

Course Frequency: *Fall: N/A Spring: N/A Summer: Dept Discretion*

MUS 470 Topical Seminar

Credits: 1 - 4

MUS 472 Music Ensemble Touring

Credits: 0

Travel with one or more of the SMSU Music Ensembles

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

MUS 474 Music Management & Public Relations

Credits: 3

This course is designed to teach students the fundamentals of music management. In particular, this course aims to assist public school music instructors in organization and promotional activities. Students will receive a diverse educational environment including lecture, small group activities, field trips, guest lectures, and hands-on projects. For graduate credit, students will submit a final research project on an approved topic. This course will include, but is not limited to, the following topics: event planning, event and program promotion, program public relations, administrative duties, the process of administration (management), managing music and related arts organizations, leadership and group dynamics, financial management of budget and fundraising, contracts for musicians and facilities, and festivals/tours.

Pre-Requisites: ((MGMT_300)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

MUS 476 Applied Choral Conducting

Credits: 2

Applied Choral Conducting builds on the skills introduced and developed in MUS 366, Conducting including: physical conducting skills, score preparation, interpretation, and rehearsal techniques.

Pre-Requisites: (MUS_366) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 477 Applied Instrumental Conducting

Credits: 2

Applied instrumental conducting builds on the skills developed in MUS 366 including: physical conducting skills, score preparation, interpretation, and rehearsal techniques.

Pre-Requisites: (MUS_366) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 486 Applied Band Literature

Credits: 2

This course is an overview of literature for bands including: artistic and educational evaluation of music from

all levels of difficulty; examination of resources available for the selection of literature; key composers and compositions of the standard repertoire; principles of programming for ensembles; and processes in the commissioning new works.

Pre-Requisites: (MUS_172) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

MUS 494 Independent Study

Credits: 1 - 4

The purpose of Independent Study is to allow students time to research and complete major projects required for graduation. In this way, Independent Study may serve as a capstone course for some music degrees. Project proposals must be accepted by the student's advisor prior to registering for Independent Study.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

MUS 496 Senior Vocal Recital

Credits: 0 - 1

A requirement for B.S. students in Vocal Music Education and B.A. students in Vocal Performance. A recital proposal must be presented to the music faculty for approval and audition at least ten weeks prior to the recital date and a recital jury must be passed at least 6 weeks prior to the recital date. The student will be concurrently registered for both Senior Vocal Recital and MUS 351.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 497 Senior Instrumental Recital

Credits: 0 - 1

A requirement for B.S. students in Instrumental Music Education and B.A. students in Instrumental Performance (with an applied emphasis on a wind or percussion instrument). A recital proposal must be presented to the music faculty for approval at least ten weeks prior to the recital date and a recital jury must be passed at least 6 weeks prior to the recital date. This course must be taken concurrently with applied lessons on the primary instrument.

Pre-Requisites: (MUS_300) and (Requires minimum credits: 90) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 498 Senior Composition Recital

Credits: 0

A requirement for B.A. students majoring in composition. A recital proposal must be presented to the music faculty for approval and audition at least ten weeks prior to the recital date and a recital jury must be passed at least 6 weeks prior to the recital date. The student will be concurrently registered for applied lessons in composition and/or counterpoint.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 499 Senior Keyboard Recital

Credits: 0 - 1

A requirement B.A. students in Instrumental Performance (with an applied emphasis on a keyboard instrument) or in Piano Performance and Pedagogy. A recital proposal must be presented to the music faculty

for approval at least ten weeks prior to the recital date and a recital jury must be passed at least 6 weeks prior to the recital date. This course must be taken concurrently with applied lessons on the primary instrument.

Pre-Requisites: (MUS_300) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

MUS 511 Trumpet	Credits: 2
MUS 512 Horn	Credits: 2
MUS 513 Trombone	Credits: 2
MUS 514 Euphonium	Credits: 2
MUS 515 Tuba	Credits: 2
MUS 521 Flute	Credits: 2
MUS 522 Oboe	Credits: 2
MUS 523 Clarinet	Credits: 2
MUS 524 Bassoon	Credits: 2
MUS 525 Saxophone	Credits: 2
MUS 531 Percussion	Credits: 2
MUS 541 Violin	Credits: 2
MUS 542 Viola	Credits: 2
MUS 543 Cello	Credits: 2
MUS 544 Bass	Credits: 2
MUS 551 GS:Applied Vocal Instruc	Credits: 4
MUS 552 GS:Admin of Instru Ensem	Credits: 2
MUS 555 GS:Vocal Diction & Lit	Credits: 2
MUS 561 Piano	Credits: 2
MUS 562 Organ	Credits: 2
MUS 567 GS:Adv Choral Conducting	Credits: 2
MUS 568 GS:Adv Instrumental Cond	Credits: 2
MUS 574 Music Management & Public Relations	Credits: 3

This course is designed to teach students the fundamentals of music management. In particular, this course aims to assist public school music instructors in organization and promotional activities. Students will receive

a diverse educational environment including lecture, small group activities, field trips, guest lectures, and hands-on projects. For graduate credit, students will submit a final research project on an approved topic. This course will include, but is not limited to, the following topics: event planning, event and program promotion, program public relations, administrative duties, the process of administration (management), managing music and related arts organizations, leadership and group dynamics, financial management of budget and fundraising, contracts for musicians and facilities, and festivals/tours.

Pre-Requisites: ((MGMT_300)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

MUS 585 GS:Choral Technique &Lit **Credits: 2**

MUS 586 GS:Band History & Lit **Credits: 2**

MUS 593 Graduate Seminar:Foundations of Music Education & Curriculum **Credits: 2**

This course studies music teaching in the public schools and the historical, philosophical, sociological and psychological issues affecting how music is taught. There will be a block on music curriculum development. Reviews current research on music education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

MUS 610 GS:Research in Music Ed **Credits: 1**

MUS XXX Choose any Music Courses numbered 100-499 for a total of 5 credits. **Credits: 5**

Take any Music courses for a total of 5 credits.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

RN to BSN

Department Office: ST 105
Phone Number: 507-537-7591
Staff & Faculty: Laurie Johansen, Nancyruth Leibold

Bachelor of Science: Nursing(30 Credits)

Our RN to BSN program is designed for working RNs. Students in the RN to BSN program will develop leadership and management skills, as well as, critical thinking skills needed as they advance in their career path. Students will be able to register to be a Public Health Nurse with the Minnesota Board of Nursing upon completion of the RN to BSN Program.

Upon Successful completion of the NCLEX-RN exam and admission to the SMSU RN to BSN Program, students will be awarded credits for prior learning.

Admission to the RN to BSN requirements:

- **Current, unencumbered RN license** (*Associate degree nursing students may apply in the last semester of their nursing program, with acceptance into the program contingent upon successful completion of the NCLEX-RN exam. The NCLEX-RN exam must be successfully completed by July 15th for enrollment in the fall semester, and by November 15 for enrollment in the spring semester. Nursing students graduating in November or December, with NCLEX-RN exam results unavailable until after November 15, may contact the Department of Nursing to develop individualized entry plans for spring semester.*)

- **Nursing GPA > 2.75**

- **Admission to Southwest Minnesota State University**

- **Additional Enrollment requirements prior to registration for any NURS courses**

All program courses must be completed with a grade of "C" or better in order to complete degree requirements.

3-credit Statistics course required prior to taking NURS 430 (3 Credits)

FIN 230	Business Statistics I _____	Credits: 3
MATH 200	Intro to Statistics _____	Credits: 3
PSYC 200	Statistics for the Behavioral Sciences _____	Credits: 3

II. Nursing Major Required Courses: (28 Credits)

NURS 300	Transitions to Baccalaureate Nursing _____	Credits: 3
NURS 310	Transcultural Nursing _____	Credits: 3
NURS 320	Chronic Illness in Rural Settings _____	Credits: 3
NURS 330	Healthcare Policy and Informatics _____	Credits: 3
NURS 375	Pathophysiology _____	Credits: 3
NURS 400	Prevention and Population Health _____	Credits: 3
NURS 410	Practicum Seminar _____	Credits: 1
NURS 430	Evidence Based Practice _____	Credits: 3
NURS 440	Organizational & System Leadership _____	Credits: 3
NURS 450	Clinical Practicum _____	Credits: 3

III. Nursing Major Electives (2 Credits)

NURS 435	Clinical Reasoning and Judgment _____	Credits: 2
NURS 436	Comprehensive Health Assessment _____	Credits: 2

Total Credits: **30**

Course Descriptions

NURS 300 Transitions to Baccalaureate Nursing

Credits: 3

This course serves to assist the registered nurse in the transition to baccalaureate nursing practice. Trends and topics related to achieving higher levels of education, such as professionalism and patient centered care, will

be examined. Admission to the Nursing Program is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

NURS 310 Transcultural Nursing**Credits: 3**

This course builds on previously acquired nursing knowledge, skills, and attitudes to holistically assess and plan care for culturally diverse individuals, families, and groups with an emphasis on patient and family centered care. Admission to the Nursing Program is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

NURS 320 Chronic Illness in Rural Settings**Credits: 3**

Students will explore continuity of care issues that impact the individual, family, community, and health care systems in the area of chronic illness as well as death and dying in a rural setting. Palliative care, common trajectories, ethical issues, patient and family teaching, as well as economic concerns are explored. Admission to the Nursing Program is required.

Course Frequency: *Fall: N/A Spring: All Years Summer: All Years*

NURS 330 Healthcare Policy and Informatics**Credits: 3**

This course provides analysis of the historical and current factors that impact healthcare systems. Healthcare policies and information technology (informatics) as they influence the nature and function of nursing practice related to safe, patient centered care are explored. Admission to the Nursing Program is required.

Course Frequency: *Fall: All Years Spring: N/A Summer: All Years*

NURS 375 Pathophysiology**Credits: 3**

This course will explore the altered health states and patterns of illness in the individual. Concepts related to pathophysiology will be explored. Content in this course builds upon previous knowledge of natural sciences. Admission to the Nursing Program is required.

Course Frequency: *Fall: All Years Spring: N/A Summer: All Years*

NURS 400 Prevention and Population Health**Credits: 3**

This course focuses on an introduction to public health, and population-based nursing care. Public health principles are applied to health promotion, risk reduction, and disease prevention needs of clients, families, and communities. Admission to the Nursing Program is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

NURS 410 Practicum Seminar**Credits: 1**

Student will work with faculty to determine site for practicum experience, distinguish qualified preceptors, and develop student objectives and a plan for the practicum experience. Admission to the Nursing Program is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

NURS 430 Evidence Based Practice**Credits: 3**

This course will introduce students to scientific inquiry in the discipline of nursing. Students will be provided with a basic foundation of the research process including an overview of nursing research, steps in the research process, research designs, research methodology, data collection and analysis, ethical issues related to human research, and utilization of research in nursing practice. Emphasis will be placed on developing students as effective consumers of research. Admission to the Nursing Program is required

Pre-Requisites: ((FIN_230 OR MATH_200 OR PSYC_200)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

NURS 435 Clinical Reasoning and Judgment

Credits: 2

This course serves to assist the registered nurse in enhancing and improving his/her critical thinking, clinical judgment, and clinical reasoning skills. Emphasis will be on the application of clinical reasoning skills to change nursing practice and improve patient outcomes with the role of the nurse as an individual as well as part of the inter-professional team. Admission to the Nursing Program is required.

Pre-Requisites: (NURS_430) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

NURS 436 Comprehensive Health Assessment

Credits: 2

This course builds on previously acquired liberal arts and nursing knowledge, skills, and cultural considerations related to health assessment. The foundation of health assessment is in research evidence and evidence-based practice.

Pre-Requisites: ((NURS_430)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

NURS 440 Organizational & System Leadership

Credits: 3

This course focuses on nursing leadership and management issues such as leadership development, staffing, delegation, ethics and law, organizational, political, and personal power, management and technology, and conflict resolution. Students will participate in the development and implementation of imaginative and creative change process while they refine leadership and communication skills to effectively implement safety and quality initiatives to impact communities and organizations. Admission to the Nursing Program is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

NURS 450 Clinical Practicum

Credits: 3

Precepted clinical course provides students with an opportunity to mature into the baccalaureate nursing role in a leadership and public/community health setting. Students will meet individualized objectives established in the practicum seminar course. Admission to the Nursing Program is required.

Pre-Requisites: (NURS_410) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

Philosophy

Department Office: BA 221
Phone Number: 507-537-7155
Staff & Faculty: Stewart Day, Brett Gaul, Maureen Sander

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Philosophy](#)

[Download MAP](#)

The Philosophy Program seeks to instill in students a regard for a reasoned approach to the solution of perplexing issues, a heightened critical sense, and a degree of philosophical detachment which allows the student to gain a broader perspective on problems of pressing concern. Coursework in philosophy is excellent preparation for the study of law, the ministry, government service, business, and other careers in the liberal arts.

Students must have an overall GPA of at least 2.0 in Philosophy courses applied to the major and minor requirements.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Philosophy(31 Credits)**I. Core Courses: (16 Credits)**

PHIL 103	Ethics	Credits: 3
PHIL 330	History of Philosophy: Ethics	Credits: 3
PHIL 331	History of Philosophy: Social & Political Philosophy	Credits: 3
PHIL 340	Logic	Credits: 3
PHIL 432	History of Philosophy: Knowledge and Reality	Credits: 4

II. Philosophy Electives (15 Credits)

PHIL 3XX	Philosophy Courses numbered 300 or above.	Credits: 6
PHIL XXX	Philosophy Electives	

Notes:

* PHIL 286, PHIL 486, PHIL 396, and PHIL 494 may be repeated.

One of the following courses may be taken as an elective:

HIST 301	Historiography	Credits: 3
LIT 250	Critical Approaches to Literature	Credits: 3

Total Credits: **31**

Minor: Philosophy(19 Credits)**I. Required Courses: (10 Credits)**

PHIL 103	Ethics	Credits: 3
PHIL 340	Logic	Credits: 3
PHIL 432	History of Philosophy: Knowledge and Reality	Credits: 4

II. History of Philosophy Electives: (Choose one) (3 Credits)

PHIL 330	History of Philosophy: Ethics	Credits: 3
PHIL 331	History of Philosophy: Social & Political Philosophy	Credits: 3

III. Philosophy Electives

PHIL XXX	Philosophy Electives	Credits: 6
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Total Credits: **19**

Minor: Pre-Law(18 Credits)**Skills (Choose two of the following): (6 Credits)**

COMM 303	Professional Presentations _____	Credits: 3
COMM 310	Persuasion _____	Credits: 3
COMM 356	Argumentation and Debate _____	Credits: 3
ENG 361	Advanced Composition _____	Credits: 3
PHIL 101	Critical Thinking _____	Credits: 3
PHIL 340	Logic _____	Credits: 3

Content (Choose three of the following): (9 Credits)

AGBU 350	Agricultural & Environment Law _____	Credits: 3
BLAW 305	Legal Environment and Contract Law _____	Credits: 3
BLAW 355	Commercial and Financial Law _____	Credits: 3
HOSP 320	Hospitality Law _____	Credits: 3
JUAD 450	Advanced Criminal Law _____	Credits: 3
PHIL 305	Law, Liberty & Morality _____	Credits: 3
PHIL 331	History of Philosophy: Social & Political Philosophy _____	Credits: 3
POL 328	Criminal Justice and Procedure _____	Credits: 3
POL 351	Constitutional Law II: Civil Liberties _____	Credits: 3
POL 430	The US Supreme Court _____	Credits: 3
POL 455	International Law _____	Credits: 3

Electives: (3 Credits)

ACCT 211	Principles of Accounting I _____	Credits: 3
ACCT 212	Principles of Accounting II _____	Credits: 3
ENG 204	Introduction to Journalism _____	Credits: 3
HIST 301	Historiography _____	Credits: 3
HIST 331	U.S. Since 1945 _____	Credits: 3
HIST 352	American Revolution and the Early Republic, 1763-1816 _____	Credits: 3
JUAD 300	Women and Justice _____	Credits: 3
LIT 331	American Literature: Beginning through Realism and _____	Credits: 3
	Naturalism _____	
LIT 332	American Literature: Modern & Contemporary _____	Credits: 3
PHIL 303	Ethical Issues in Professional Life _____	Credits: 3
PHIL 330	History of Philosophy: Ethics _____	Credits: 3
POL 227	The Judicial Process _____	Credits: 3

Total Credits: **18****Minor: Religious Studies (see Humanities)(18 Credits)**Total Credits: **18****Course Descriptions****PHIL 100 Introduction to Philosophy****Credits: 3**

Philosophy is a subject that studies the most fundamental questions in life: How should we live? Is there a God? Do we have free will? What does it mean to know something? What can we know? What makes

something morally right? What is the nature of good and evil? This course introduces students to some influential philosophical thinkers and some of the most important issues in philosophy.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: Dept Discretion Summer: N/A*

PHIL 101 Critical Thinking

Credits: 3

Introduction to the fundamentals of critical thinking including argument analysis and argument construction. Study includes deductive, probabilistic, and moral argumentation as well as recognition of fallacies. No previous study of logic is necessary.

Goal: 02- Critical Thinking 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: Dept Discretion Summer: Dept Discretion*

PHIL 103 Ethics

Credits: 3

This course is an introduction to ethical philosophy. Possible inquiry includes questions about how one should live, how we should treat others, how we should conceive of our communities, and what components are involved in making a moral choice. A philosophical analysis will provide a framework for discussing contemporary moral problems.

Goal: 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: All Years Summer: Dept Discretion*

PHIL 105 Ethical Issues in Business

Credits: 3

This course focuses on business issues through an introduction to ethical theories and their applications within the business setting. Topics of discussion include corporate responsibility, whistleblowing, employee rights, product liability and safety, ethics and marketing, business and the natural environment, affirmative action and diversity, and ethics and multinational corporations.

Goal: 09- Ethical/Civic Resp **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

PHIL 107 Environmental Ethics

Credits: 3

Analyzing the complex relationships between humans and the natural environment raises some of the most challenging and important questions that we face. Students will study some of the classic and contemporary readings in the field of environmental ethics in order to start to reason for themselves about the proper principles that should guide our actions. Possible topics include the moral standing of non-human animals and inanimate nature, the conceptual divide between nature and culture, the use of animals in research and agriculture, the genetic modification of organisms, duties to future generations, and sustainability.

Goal: 09- Ethical/Civic Resp 10- People/Environment **Course Frequency:** *Fall: Dept Discretion Spring: All Years Summer: N/A*

PHIL 201 Aesthetics

Credits: 3

An examination of beauty in the fine arts; the creative process, evaluation, analysis of the work of art, appreciation, and criticism.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PHIL 230 Philosophy of Religion

Credits: 3

The purpose of this course is to introduce the student to the area of Western philosophy known as Philosophy of Religion. Possible areas of study include: Arguments for God's Existence, Arguments from Religious

Experience, The Problem of Evil, Attributes of God, The Question of Miracles, The Intersection of Faith and Reason, Science and Religion, and Religion and Ethics. This course is designed for Philosophy majors and non-majors alike who are interested in the philosophical analysis of religious matters.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHIL 240 Philosophy East and West

Credits: 3

This course will examine classic philosophical questions concerning the nature of the self; interpersonal, social, and political relationships with others; and the fundamental nature of reality as they are articulated in dominant Asian philosophical traditions, such as Hinduism, Buddhism, Confucianism, and Daoism, as well as influential Western philosophical thinkers. Critical attention will be paid to the difficulties, nuances, and responsibilities involved in the pursuit of cross-cultural and comparative philosophy.

Goal: 08- Global Perspective **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

PHIL 250 Philosophy Through Film

Credits: 3

Philosophy is a subject that studies the most fundamental questions in life. This course examines various philosophical topics through the medium of film. Possible topics to be discussed include philosophical analysis of films and texts, the problem of perception, philosophy of mind, ethics, philosophy of time, free will, foreknowledge, and determinism, philosophy of religion, death, and the meaning of life.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

PHIL 286 Topics in Philosophy

Credits: 1 - 4

A study of different topics in philosophy. See current course schedule for topic listing when offered.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

PHIL 292 Honors Credit in Philosophy

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other Philosophy course.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

PHIL 303 Ethical Issues in Professional Life

Credits: 3

This course builds upon the research, critical writing, information literacy, and persuasion skills developed in ENG 151 by examining the broad range of ethical issues and dilemmas that occur in professional life. The term professions refers to very specialized knowledge or expertise that serves the public good. Professionals have particular duties and responsibilities. Students will learn about the duties and responsibilities of their intended careers by reading articles about important issues in professional ethics, studying their fields Code of Ethics, and writing about ethical issues in professional life. Topics to be discussed include: the meaning of profession, how to be ethical, professional duties, honesty, privacy, confidentiality, integrity, loyalty, whistle-blowing, professionalism, justice, social welfare, governmental regulations, and conflicts of interest. As in the other Ethics courses in the Liberal Education Program, students will also be encouraged to think about the difference between ethical decisions and non-ethical decisions, how they make ethical decisions, and who will be affected by those ethical decisions.

Goal: 01- Communication **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHIL 305 Law, Liberty & Morality**Credits: 3**

Examines humans in society, with such related issues as civil disobedience, natural rights, legal obligations, and the limits of political freedom.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PHIL 310 The Philosophy of Sex and Gender**Credits: 3**

This course is an introduction to issues in philosophy relating to sex and gender, including questions about what it means to identify and be identified as male or female, and how gender structures social and personal realities. The course reviews different kinds of feminist critiques of Western philosophy and their counter-arguments, as well as philosophical analyses of sex and gender as they relate to ethics, social philosophy, theories of human nature, and theories of knowledge. The course gradually works toward positive theories of sex and gender, including biological determinism and post-modern approaches to the body, and explores contested norms of gender equality in contemporary issues. No philosophy background is assumed.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHIL 315 Philosophy in Literature**Credits: 3**

Focuses on philosophical issues discussed or suggested in works by such authors as Dostoevsky, Sartre, Camus, Kafka, Dante, and Cervantes.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PHIL 320 American Philosophy**Credits: 3**

This course investigates American intellectual and philosophical thought from colonial times to the present. Possible areas of study can include Puritanism, American Enlightenment, romanticism, and contemporary pragmatism. Authors read may include Edwards, Thoreau, Pierce, and Dewey. No pre-requisites but one prior philosophy course recommended.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

PHIL 322 Medical and Bioethics**Credits: 3**

The course would explore ethical dilemmas that occur in the professional practices of medicine, biological research, nursing, public health, and the social and behavioral sciences. Its theoretical foundation is philosophical moral theory and its methodology emphasizes the philosophical skills of analysis, argument, and evaluation. The assessment of value involves critical scrutiny of medical practices and biological techniques, some historical, and some of which are unprecedented in human history. As a society, we continue to struggle with questions about what constitutes fairness and goodness in the pursuit of health, and we are on the cusp of developing medical techniques that promise to forever change our understanding of the good life. Emerging from the philosophical branch of ethics, and premised on the three moral principles of respect for autonomy, beneficence, and justice, the aim of this course is to expose students to ethical debates in health care and biological research, and to help them assess moral dilemmas that occur in the practice of medicine and biological research.

Goal: 09- Ethical/Civic Resp **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHIL 330 History of Philosophy: Ethics**Credits: 3**

This course is a historical survey of major ethical systems. Students will critically engage with the constantly evolving discussions regarding the foundations of right and wrong, the distinction of good and evil, and the

questions of moral character. Possible historical figures covered include Plato, Aristotle, St. Thomas Aquinas, Immanuel Kant, John Stuart Mill, Jean-Paul Sartre, and Virginia Held.

Goal: 09- Ethical/Civic Resp **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

PHIL 331 History of Philosophy: Social & Political Philosophy **Credits: 3**

This course is a historical survey of social and political philosophy. Readings and discussions are organized around the fundamental questions of what is justice and what makes a just society. Students will critically examine concepts such as equality, fairness, community, and reciprocity, and apply them to issues such as private property, the family, the distribution of wealth and power, taxation, and forms of government. Possible historical figures covered include Plato, Aristotle, Thomas Hobbes, John Locke, Jean-Jacques Rousseau, Karl Marx, Friedrich Engels, John Stuart Mill, Martin Luther King, Jr., John Rawls, and Virginia Held.

Goal: 09- Ethical/Civic Resp **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

PHIL 340 Logic **Credits: 3**

This course examines the formal rules of logical thought, including elements of classical and modern symbolic logic.

Goal: 04- Mathematical/Logical Reasoning **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHIL 386 Studies in Philosophy **Credits: 3**

In-depth study of a particular philosopher, school, or movement; may be repeated.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

PHIL 432 History of Philosophy: Knowledge and Reality **Credits: 4**

This course is a historical survey of major works in metaphysics and epistemology, the fields that cover foundational questions about the nature of reality and claims of knowledge. Students will further develop their writing, research, and critical thinking skills by examining questions such as: What is the nature of reality? Is this the only reality that exists? Could the universe be different than it is? Are mind, body, and spirit different substances? What is truth? What is knowledge? How can we acquire knowledge? Can we trust our senses, or should knowledge derive from pure thought? Possible historical figures covered include the pre-Socratics, Plato, Aristotle, Rene Descartes, David Hume, Immanuel Kant, W.V.O. Quine, and Richard Rorty.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PHIL 486 Topics in Philosophy **Credits: 1 - 4**

PHIL 494 Independent Study **Credits: 1 - 4**

PHIL XXX Any PHIL Course **Credits: 3**

Any course in Philosophy for 3 credits.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PHIL XXX Philosophy Electives **Credits: 6**

Six (6) credits of Philosophy courses.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PHIL XXX Special Topics

One credit of special topics (PHIL 286 or PHIL 486)

Credits: 1

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PHIL XXX Philosophy Electives

Any Philosophy courses.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Physical Education

Department Office: IL 229
Phone Number: 507-537-7115
Staff & Faculty: Frankie Albitz, Paul Blanchard, Terry Culhane, Jamie Dunn, Jesse Nelson, Cory Sauter, Marilyn Strate

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Physical Education-Recreation Emphasis](#)

[Download MAP](#)

[Bachelor of Science: Physical Education-Sports Management Emphasis](#)

[Download MAP](#)

[Bachelor of Science: Physical Education-Teaching](#)

[Download MAP](#)

The Physical Education program offers degrees in health, physical education, sports management, recreation, and individually designed interdisciplinary programs. Teaching certification is available in physical education with minors in coaching and adapted physical education. Students gain a broad knowledge of the physiological and mechanical functions of the human body. Students become aware of their personal performance abilities through experiences in a variety of physical activity courses, and become aware of the many fitness and leisure time activities for wellness available to them and others throughout their lives.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Science: Physical Education-Teaching(44 Credits)

I. Physical Education Major Courses: (38 Credits)

EXSC 100	Anatomical Kinesiology	Credits: 3
EXSC 100L	Anatomical Kinesiology Lab	Credits: 1
EXSC 300	Biomechanics of Human Motion	Credits: 3
EXSC 350	Exercise Physiology	Credits: 3
EXSC 350L	Exercise Physiology Lab	Credits: 1
EXSC 400	Motor Learning & Development	Credits: 2
HLTH 110	First Aid and Safety/CPR	Credits: 2
PE 101	Intro Health & Physical Education	Credits: 2
PE 108	Technology in Physical Education	Credits: 2
PE 122	Lifetime Activities I	Credits: 3
PE 123	Lifetime Activities II	Credits: 3
PE 144	Golf	Credits: 1
PE 156	Adventure Ropes	Credits: 1
PE 220	Curriculum and Instruction in Physical Education	Credits: 3
PE 387	Rhythm and Dance Fundamentals	Credits: 2
PE 401	K-12 Physical Education Methods & Lab	Credits: 3
PE 481	Adapted Physical Education Application	Credits: 3

One of the following Anatomy courses with corresponding lab:

BIOL 150	Physiological Anatomy for Non-science Majors	Credits: 3
BIOL 150L	Physiological Anatomy for Non-science Majors Lab	Credits: 1
BIOL 305	Human Anatomy & Physiology I	Credits: 3
BIOL 305L	Human Anatomy & Physiology I Lab	Credits: 1

Health Course:

HLTH 225	Alcohol, Narcotics, & Tobacco	Credits: 2
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Bachelor of Science: Physical Education-Teaching Notes:

Requirement for Physical Education Majors:

By the end of the sophomore year, the student should get the application packet from the Education Department. The student must also fulfill the K-12 professional education requirements; please see the Education Department for current requirements.

Total Credits: **44****Bachelor of Science: Physical Education-Recreation Emphasis(65 Credits)****I. Physical Education Core Courses: (36 Credits)**

EXSC 100	Anatomical Kinesiology	Credits: 3
EXSC 100L	Anatomical Kinesiology Lab	Credits: 1
EXSC 201	Sport Psychology	Credits: 2
EXSC 300	Biomechanics of Human Motion	Credits: 3
EXSC 350	Exercise Physiology	Credits: 3
EXSC 350L	Exercise Physiology Lab	Credits: 1
EXSC 400	Motor Learning & Development	Credits: 2
HLTH 110	First Aid and Safety/CPR	Credits: 2
PE 101	Intro Health & Physical Education	Credits: 2
PE 108	Technology in Physical Education	Credits: 2
PE 249	Physical Fitness Concept	Credits: 2
PE 488	Legal Aspects of Recreation & Sport	Credits: 3
PE 490	Field Practicum	Credits: 2
PE 497	Senior Seminar	Credits: 3
PE 499	Professional Internship	Credits: 3 - 12

Notes:

PE 499 Professional Internship must be taken for 6 credits.**II. Emphasis Courses: (25 Credits)**

PE 105	Camping and Canoeing	Credits: 2
PE 106	Cross Country Skiing, Snow Shoeing, & Biking	Credits: 2
PE 200	Recreational Sports & Games	Credits: 3
PE 300	Recreation Diversity & Leadership	Credits: 3
PE 360	Introduction to Recreation, Parks, and Community Education	Credits: 3
PE 362	Recreational Aquatics	Credits: 3
PE 400	Recreation Program Planning	Credits: 3
PE 478	Recreation & Sports Management	Credits: 3
PE 484	Planning Facilities for Physical Activities	Credits: 3

III. Recreation Options, Choose one of the following: (6 Credits)*Aquatics Option:*

HLTH 110	First Aid and Safety/CPR	Credits: 2
PE 256	Lifeguard Training	Credits: 2
PE 356	Swimming Instruction Methods	Credits: 2

Business Option:

ACCT 211	Principles of Accounting I	Credits: 3
MGMT 101	Introduction to Business	Credits: 3

Health Option:

HLTH 140	CPR: Cardiopulmonary Resuscitation	Credits: 1
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Social Option:

SOCI 220	Social Problems	Credits: 3
SOCI 331	Racial & Ethnic Relations in America	Credits: 3

Total Credits: **65****Bachelor of Science: Physical Education-Sports Management Emphasis(67 Credits)****I. Physical Education Core Courses: (36 Credits)**

EXSC 100	Anatomical Kinesiology	Credits: 3
EXSC 100L	Anatomical Kinesiology Lab	Credits: 1

EXSC 201	Sport Psychology	Credits: 2
EXSC 300	Biomechanics of Human Motion	Credits: 3
EXSC 350	Exercise Physiology	Credits: 3
EXSC 350L	Exercise Physiology Lab	Credits: 1
EXSC 400	Motor Learning & Development	Credits: 2
HLTH 110	First Aid and Safety/CPR	Credits: 2
PE 100	Intro to Arts/Dance	Credits: 3
PE 101	Intro Health & Physical Education	Credits: 2
PE 108	Technology in Physical Education	Credits: 2
PE 249	Physical Fitness Concept	Credits: 2
PE 488	Legal Aspects of Recreation & Sport	Credits: 3
PE 490	Field Practicum	Credits: 2
PE 497	Senior Seminar	Credits: 3
PE 499	Professional Internship	Credits: 3 - 12

Notes:

PE 499 Professional Internship is taken for 6 credits.**II. Emphasis Courses: (33 Credits)**

ACCT 211	Principles of Accounting I	Credits: 3
ACCT 212	Principles of Accounting II	Credits: 3
ECON 201	Principles of Microeconomics	Credits: 3
FIN 350	Managerial Finance	Credits: 3
MGMT 101	Introduction to Business	Credits: 3
MGMT 221	Computer Concepts and Applications	Credits: 3
MGMT 300	Management Principles	Credits: 3
MKTG 301	Principles of Marketing	Credits: 3
PE 478	Recreation & Sports Management	Credits: 3
PE 484	Planning Facilities for Physical Activities	Credits: 3
PE 489	Sports Marketing, Sales, and Promotions	Credits: 3

Total Credits: **67****Minor: Adapted Physical Education/DAPE(33 Credits)**

Students receiving this licensure have met the requirements necessary for a minor in this area at SMSU. DAPE is only recognized by the State of Minnesota. This minor would enhance their marketability in other states and lead them on the path for an Adapted PE Specialist status.

Required Courses:

ED 430	Reading in the Content Areas	Credits: 2
EXSC 100	Anatomical Kinesiology	Credits: 3
EXSC 400	Motor Learning & Development	Credits: 2
PE 210	Methods of Adapted Physical Education & Lab	Credits: 3
PE 220	Curriculum and Instruction in Physical Education	Credits: 3
PE 393	Adapted Practicum I	Credits: 1
PE 481	Adapted Physical Education Application	Credits: 3
PE 498	Adapted Practicum II	Credits: 3
SPED 290	Introduction to Special Needs and Lab	Credits: 3
SPED 450	Curriculum Design & Implementation in Special Education	Credits: 3
SPED 460	Positive Behavior Support in Special Education	Credits: 3
SPED 470	Collaboration in Educational Settings	Credits: 3
SPED 480	Procedural Safeguards in Special Education	Credits: 3

Choose one of the following:

Total Credits: **33**

Minor: Adapted Physical Activity(18 Credits)

This minor provides an option for students in the Wellness & Human Performance Department who are not enrolled in Physical Education-Teaching or DAPE. Sports Management, Recreation and Exercise Science students may be interested in this minor. This minor would be beneficial to those concerning marketability and enhancing their programming capabilities.

Required Courses: (18 Credits)

PE 210	Methods of Adapted Physical Education & Lab	Credits: 3
PE 300	Recreation Diversity & Leadership	Credits: 3
PE 390	Organ & Admin of Athletics & PE	Credits: 2
PE 393	Adapted Practicum I	Credits: 1
PE 481	Adapted Physical Education Application	Credits: 3
SPED 290	Introduction to Special Needs and Lab	Credits: 3

Total Credits: **18**

Minor: Coaching(22 Credits)

Required Courses:

EXSC 100	Anatomical Kinesiology	Credits: 3
EXSC 100L	Anatomical Kinesiology Lab	Credits: 1
EXSC 201	Sport Psychology	Credits: 2
EXSC 300	Biomechanics of Human Motion	Credits: 3
PE 301	Theory of Coaching	Credits: 3
PE 301L	Theory of Coaching Lab	Credits: 1
PE 392	Prevention & Care of Athletic Injuries	Credits: 2
PE 482	Practicum in Coaching	Credits: 1 - 4

Choose one option:

1. *Physiology plus coaching theory:*

EXSC 350	Exercise Physiology	Credits: 3
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One of the following:

PE 330	Theory of Coaching of Baseball	Credits: 2
PE 331	Theory of Coaching of Basketball	Credits: 2
PE 334	Theory of Coaching of Football	Credits: 2
PE 336	Theory of Coaching of Softball	Credits: 2
PE 337	Theory of Coaching of Volleyball	Credits: 2
PE 338	Theory of Coaching of Soccer	Credits: 2
PE 348	Theory of Coaching of Track & Field	Credits: 2
PE 350	Theory of Coaching of Wrestling	Credits: 2

2. *Coaching theory (choose two):*

PE 330	Theory of Coaching of Baseball	Credits: 2
PE 331	Theory of Coaching of Basketball	Credits: 2
PE 334	Theory of Coaching of Football	Credits: 2
PE 336	Theory of Coaching of Softball	Credits: 2
PE 337	Theory of Coaching of Volleyball	Credits: 2
PE 338	Theory of Coaching of Soccer	Credits: 2
PE 348	Theory of Coaching of Track & Field	Credits: 2
PE 350	Theory of Coaching of Wrestling	Credits: 2

Total Credits: **22**

Certificate: Coaching(15 Credits)

I. Required Courses:

EXSC 100	Anatomical Kinesiology _____	Credits: 3
EXSC 100L	Anatomical Kinesiology Lab _____	Credits: 1
HLTH 110	First Aid and Safety/CPR _____	Credits: 2
PE 301	Theory of Coaching _____	Credits: 3
PE 301L	Theory of Coaching Lab _____	Credits: 1
PE 392	Prevention & Care of Athletic Injuries _____	Credits: 2
PE 482	Practicum in Coaching _____	Credits: 1 - 4

II. Choose one coaching theory course:

PE 330	Theory of Coaching of Baseball _____	Credits: 2
PE 331	Theory of Coaching of Basketball _____	Credits: 2
PE 334	Theory of Coaching of Football _____	Credits: 2
PE 336	Theory of Coaching of Softball _____	Credits: 2
PE 337	Theory of Coaching of Volleyball _____	Credits: 2
PE 338	Theory of Coaching of Soccer _____	Credits: 2
PE 348	Theory of Coaching of Track & Field _____	Credits: 2
PE 350	Theory of Coaching of Wrestling _____	Credits: 2

Total Credits: **15****Course Descriptions****HLTH 100 Personal Health & Wellness****Credits: 2**

This course is designed to provide students with the knowledge, tools, and motivation to take charge of their wellness-related behavior. The presentation of a multidimensional concept of wellness provides the student with the knowledge necessary for a lifestyle based on good choices and healthy behaviors which maximize the quality of life.

Course Frequency: *Fall: Dept Discretion Spring: All Years Summer: Dept Discretion***HLTH 110 First Aid and Safety/CPR****Credits: 2**

Trauma prevention study and medically approved application techniques of administering emergency care in case of trauma due to accidents or sudden illness.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years***HLTH 112 Nutrition & Wellness****Credits: 2**

This course is designed to assist the students in critically examining current and past nutritional concepts. The main focus is to assist the students in applying nutritional principles in the pursuit of wellness.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A***HLTH 140 CPR: Cardiopulmonary Resuscitation****Credits: 1**

An analysis of current CPR cognitive, psychomotor, and affective domains as outlined by various organizations such as the American Heart Association and American Red Cross.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A***HLTH 220 Stress & Wellness****Credits: 2**

This course is designed to give the student a broad overview of all the factors that impact lifetime personal wellness. The major emphasis will focus on identifying the stressors and stress management techniques that

impact wellness.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HLTH 225 Alcohol, Narcotics, & Tobacco

Credits: 2

This course is designed to introduce the student to pertinent topics associated with the area of drug use and abuse. The discussion and materials presented will focus on the physical, psychological, and sociological aspects of the subject.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

HLTH 232 Nutrition

Credits: 3

The student will study the sociological and biological aspect of nutrition in the relationship of food to health. Current dietary trends and their implications for health will be discussed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HLTH 240 CPR:Instructor Certification

Credits: 2

An advanced class leading to the CPR Instructor rating.

Pre-Requisites: (HLTH_140) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

HLTH 290 Wellness, Safety, & Nutrition from Birth to Grade 3

Credits: 3

This course is designed to provide the student with an overview of health, safety, and nutritional issues of the child from birth to grade three in preparation for a profession of working with children. The prenatal environment and its impact on the health of the individual will be given great emphasis.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

HLTH 292 Honors Credit in Health

Credits: 1 - 4

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by honors students.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HLTH 340 School Health and Human Sexuality

Credits: 3

This course provides the student with an overview of the health educator's role in the healthy development of youth and the Comprehensive School Health Program. Included is an examination of how to promote healthy choices to enhance health, safety, prevent injuries, and prevent alcohol/drug abuse. This course also provides an overview of the biological, sociological, environmental, and psychological issues related to the science of human sexuality. Addressed are principles for teaching sex education in this controversial area. Instructional goals, objectives, and strategies that are age appropriate for K-12 students of health education curriculum are included. Students plan health education lessons for use with a specific grade level.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HLTH 370 Community Health and Health Promotion

Credits: 3

This course introduces the student to the concepts of community health and health promotion. Public health

principles are applied to health promotion, risk reduction, and disease prevention needs of learners, families, and communities. Epidemiology, health promotion, health agencies/organizations, organizing the community, populations, and the School Health Program are key areas of focus.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HLTH 400 Epidemiology

Credits: 2

Philosophy, administrative considerations and patterns of public health activities in the United States, including a thorough analysis of epidemiology problems and disease control.

Pre-Requisites: (HLTH_100 AND HLTH_225 AND HLTH_350) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

HLTH 491 Elementary School Health Education

Credits: 2

The Elementary School Health Education course explores the science of health and art of teaching health. The course will focus on health content, with a special emphasis on drug education. The course will also focus on the development of social skills in the context of health education. Students will gain knowledge and understanding to formulate appropriate teaching strategies in order to promote healthy behavior and reduce risky behaviors of the elementary school student.

Pre-Requisites: (ED_101) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

HLTH 492 Organization and Application of Health Education: 5-12

Credits: 3

This course explores the science of health and the application of the science in the classroom. The student will acquire knowledge in health content and social skills (goal setting, decision making, and interpersonal skills) in order to promote positive healthy behaviors in students of 5-12 level. Admission to Teacher Education program required.

Pre-Requisites: (HLTH_230) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

HLTH 494 Independent Study

Credits: 1 - 4

Independent study and research within the health and wellness area.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

HLTH 496 Workshop in Health

Credits: 1 - 4

To provide health credit for workshops in area.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 100 Intro to Arts/Dance

Credits: 3

The relationship between dance and other arts and the sciences; defining the role, function, history and status of dance in society. Students will be introduced to the fundamental principles of movement underlying the

forms of dance with the activity and lectures being adaptable to all students including the disabled.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 101 Intro Health & Physical Education

Credits: 2

Concepts and theories that define the breadth of the field and the interdisciplinary relationship of Health and Physical Education as a profession. Introductory topics include: pedagogy, exercise physiology, biomechanics, recreation, sports management, allied health, athletic training, physical therapy and sports related professions.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 105 Camping and Canoeing

Credits: 2

This class is designed for students to develop skills, awareness, and knowledge in racquet activities, volleyball, canoeing, and outdoor activities.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 106 Cross Country Skiing, Snow Shoeing, & Biking

Credits: 2

This class is designed for recreation majors to develop skills in cross-country skiing, biking, and other outdoor winter/spring activities. Students must provide their own bike for this class.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 107 Walking for Wellness

Credits: 1

This course will provide students with a moderate level of the physical exercise - walking - which can make a positive contribution to their aerobic fitness goals. The course is designed to assist the walker in acquiring the knowledge, attitudes and skills necessary for participation in a lifelong walking for wellness program and the application of walking in their lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 108 Technology in Physical Education

Credits: 2

This course will cover basic technology skills specific to the field of physical education. Technology covered will include such software programs as the Adobe Suite, heart rate monitors, video editing, and web page development as applied to the field.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 109 Cross Training

Credits: 1

This course will provide the student with experience in a variety of exercise modalities designed to enhance one's overall fitness and the application of cross training in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 110 Intercollegiate Baseball

Credits: 1

The purpose of intercollegiate baseball is to give the highly skilled student the opportunity to learn advanced skills, techniques and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 111 Intercollegiate Basketball

Credits: 1

The purpose of intercollegiate basketball is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 112 Cheerleading

Credits: 1

The purpose of intercollegiate cheerleading is to give the highly-skilled student the opportunity to learn and perform skills and techniques of cheerleading.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 113 Intercollegiate Cross Country

Credits: 1

This is an intercollegiate sport designed to provide student-athletes with a very high level of physical exercise, competitive distance running, which can make a positive contribution to their aerobic fitness, body composition, self-image, self-confidence, stress reduction, and overall maturation as a person. The course is designed to assist the student-athlete in acquiring the knowledge, attitudes, and skills necessary for collegiate competition in addition to developing a love for running and a lifelong enjoyment of fitness.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 114 Intercollegiate Football

Credits: 1

The purpose of intercollegiate football is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 115 Intercollegiate Soccer

Credits: 1

The purpose of intercollegiate soccer is to give the highly-skilled student the opportunity to learn advanced techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 116 Intercollegiate Fast Pitch Softball

Credits: 1

The purpose of intercollegiate fast pitch softball is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 117 Intercollegiate Track and Field

Credits: 1

This is an intercollegiate sport designed to provide student-athletes with a very high level of physical exercise which is based on the primary goals of each individual. The process of accomplishing these goals can make a

positive contribution to their aerobic fitness, running speed, physical power, body composition, self-image, self-confidence, stress reduction, and overall maturation as a person. The course is designed to assist the student-athlete in acquiring the knowledge, attitudes, and skills necessary for collegiate competition in addition to developing a love for the sport of track and field and a lifelong enjoyment of fitness.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 118 Intercollegiate Tennis

Credits: 1

The purpose of intercollegiate tennis is to give the highlyskilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 119 Intercollegiate Golf

Credits: 1

The purpose of intercollegiate golf is to give the highlyskilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 120 Intercollegiate Volleyball

Credits: 1

The purpose of intercollegiate volleyball is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 121 Intercollegiate Wrestling

Credits: 1

The purpose of intercollegiate wrestling is to give the highly-skilled student the opportunity to learn advanced skills, techniques, and strategies by competing against those of similar ability.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 122 Lifetime Activities I

Credits: 3

This course is designed to develop knowledge of and fundamental motor skills in such sports and activities as tennis, badminton, and bowling.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 123 Lifetime Activities II

Credits: 3

This course is designed to develop knowledge of and fundamental motor skills in such sports and activities as aquatics, stunts & tumbling, and dance.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 130 Racquet Sports

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in all racquet sport activities.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 135 Dance for Fitness:Zumba

Credits: 1

This course is designed to provide the student a cardiovascular fitness experience through a wide variety of dance and rhythmic activities. An emphasis on the application of dance to wellness, flexibility, stress reduction and lifetime fitness will be incorporated into the class.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 139 Aerobics

Credits: 1

A fitness course oriented to the cardiovascular concepts of fitness and the application of aerobics in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 140 Beginning Archery

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in archery.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 142 Beginning Bowling

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in bowling.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 144 Golf

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the game of golf. Such content as the history, rules, strategies, etiquette, and basic motor skills of golf will be included.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 147 Beginning Tennis

Credits: 1

The student will study the fundamental elements of skills, rules, and strategies for participation in tennis.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 149 Weight Training & Conditioning

Credits: 1

This course will provide basic knowledge and techniques of fitness and conditioning through weight training and the application of weight training in daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 150 Snow Shoeing

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the activity of snow shoeing. Content such as the history, safety, equipment, and motor skills will be included.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 151 Begining Cross-Country Skiing

Credits: 1

A course designed to give students basic information about the equipment, clothing, safety concerns, and skills to enjoy cross-country skiing in an outdoor winter environment.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 152 Basic Self Defense

Credits: 1

To provide students with a foundation in basic self defense. This foundation will involve sweeps, arm locks, kicks, and strikes which can be used against an attacker.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 153 Beginning Racquetball

Credits: 1

The student will study the fundamental skills, rules, and strategies for participation in racquetball.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 154 Adapted Physical Education Activities

Credits: 1 - 4

This is an activity course designed for students with disabilities to provide mild to moderate physical activities in their daily lives.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 155 Learn to Swim

Credits: 1

This course is designed for the student who is a non-swimmer or does not demonstrate proficiency in the water. It will include instruction in basic areas of water safety and basic swimming strokes. The general Red Cross swimming program will be followed.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 156 Adventure Ropes

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the activity of an adventure high ropes element. Content such as the safety, equipment, belaying, rappelling, and climbing will be included.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 158 Canoeing

Credits: 1

This course is designed to develop knowledge of and fundamental motor skills in the activity of canoeing. Content such as the safety, equipment, and motor skills will be included.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 160 Flexibility/Yoga**Credits: 1**

This course will introduce the student to the history of flexibility in society, the current uses of flexibility in our society, and the application of flexibility in their daily lives in relation to wellness, cardiovascular fitness, strength, and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 161 Swimmercize**Credits: 1**

A course for those who wish to embark on an aquatic conditioning program with fitness exercises as the core activity and the application of swimmercize in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 165 Southwest Minnesota State University Dance Team**Credits: 1**

The purpose of the dance team is to give the highly-skilled student the opportunity to learn advanced skills and techniques and to perform at athletic and other events.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 169 Advanced Weight Training & Conditioning**Credits: 1**

This course is specifically designed for current athletes involved in an in-season or off-season weight training and conditioning program as a participant in a varsity sport. This course does not meet the graduation requirement in Health and Fitness.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 170 Personal Fitness**Credits: 1**

Personal Fitness class is for students, faculty, and community to experience various fitness opportunities such as jogging, running, weight training, exercise, bicycling, rowing, swimming and the application of these sports in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 171 Step Aerobics**Credits: 1**

This course is a fitness course oriented to the cardiovascular concepts of fitness set to rhythmic activities. The students will be instructed in the safety of low, moderate and high intensity step aerobics. Students will figure target heart rate to determine how much cardiovascular exercise is needed to achieve a healthy lifestyle. Students will apply step aerobics in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 172 Intramural Activities**Credits: 1**

Intramurals are a combination of the elements of physical education and the modern concept of recreation. The student may receive credit for participating in a sport or activity offered in the intramural setting with

emphasis given to sportsmanship and social opportunity in an activity.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 173 Outdoor Activities

Credits: 1

An introduction to the skills and awareness for outdoor recreation including outdoor cooking, gear and shelter, first aid, health and safety, orienteering, nature interpretation, bicycling, hiking, environmental ethics, canoeing and rock climbing (if possible). An American Camping Association Campcraft or Advanced Campcraft Certification is optional depending upon the student's motivation. A weekend trip is required.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 177 Biking

Credits: 1

The students will assess their present fitness level and learn how biking can improve personal fitness and wellness. The course covers biking skills, equipment, rules, safety, and repairs. The student must provide a bike to ride for class.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 200 Recreational Sports & Games

Credits: 3

This course is designed for recreation majors to learn the basic rules, terminology, equipment and strategies for many popular recreational sports and games offered through parks, recreation, and community education programs.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 210 Methods of Adapted Physical Education & Lab

Credits: 3

This course is a study of chronic diseases and disabilities the psychological, social, and economic influences resulting from these highly complex conditions and their equally complex assessments, treatments, and rehabilitation processes.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 220 Curriculum and Instruction in Physical Education

Credits: 3

This course will cover content such as curriculum development, writing unit plans, writing student-centered lesson plans, teaching skills, fitness, grading, promoting physical education and fitness, organization and administration of events/programs, and a basic understanding of the research process.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

PE 249 Physical Fitness Concept

Credits: 2

An introductory course to provide the student with the knowledge to achieve a high degree of physical fitness and wellness. The focus of the course will be on the scientific based aspects of fitness. The students will be able to objectively assess their own fitness as well as understand the myths associated with exercise, weight loss, and wellness.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 250 Sports in American Culture**Credits: 3**

This course provides the student the opportunity to understand more about individual and group differences with regard to gender, race, ethnicity, and social class in American sport. The student will understand the historical and current significance of sports in America and our societal responses to these groups.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 251 Intermediate Cross-Country Skiing**Credits: 1**

This course assumes competence in skills and experiences presented in basic cross-country skiing and goes on to use these skills in various terrain and extended distances. The intermediate course includes an opportunity to teach basic skills to others.

Pre-Requisites: (PE_151) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PE 256 Lifeguard Training**Credits: 2**

This course will cover safety and life saving techniques for the management of pool and open water environments. Successful completion will certify the student as an American Red Cross Lifeguard. Prerequisite: Skill Screening

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

PE 257 PADI Open Water Scuba**Credits: 1**

Learning is divided between classroom and pool. All necessary equipment is provided. Upon successful completion of this portion of the courses, learners are qualified to complete the four open water dives to become certified as a PADI Open Water Diver. These dives are offered over a two day period approximately every weekend over the summer from the beginning of May to the beginning of October. Additional cost applies. The student also has the option of completing these dives literally anywhere in the world using the PADI Open Water Referral Form. These dives need to be completed within 12 months from the completion of the course or a refresher is required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 258 Intermediate Canoeing**Credits: 1**

This course includes refining advanced performance skills for handling a canoe in the bow, stern, and as a solo paddler, both in lake and river canoeing. The intermediate course includes an opportunity to teach basic skills of canoeing to others.

Pre-Requisites: (PE_158) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PE 260 Women in Sport**Credits: 3**

This course will focus on the development of sport for females. The student will explore a wide range of historical, cultural, philosophical, and socio-psychological issues that have shaped the nature and scope of sport participation with respect to gender.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 286 Special Topics**Credits: 1 - 4**

This course is designed to provide lower-division students an opportunity to experience a special or

experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 292 Honors Credit in Phy Ed

Credits: 1 - 4

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by honors students.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 300 Recreation Diversity & Leadership

Credits: 3

This course covers the contemporary, theoretical, and practical information necessary for developing effective leadership with a focus on diversity and special needs for recreational groups such as at-risk youth, senior citizens, and individuals with disabilities.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

PE 301 Theory of Coaching

Credits: 3

This course is designed to provide the student with a functional understanding of sport and management skills necessary in becoming a successful coach. Students will compare and contrast a variety of objectives used to define success and then examine and redefine their individual philosophies.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 301L Theory of Coaching Lab

Credits: 1

This lab will take an in-depth look at why we provide opportunities for students to participate in athletic programs as part of the educational process. Focusing on the WHY of participation requires a shift in mindset and will challenge coaches to become aware of, and intentional about focusing on the values that can be learned through process-based instead of outcome-based experiences.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 330 Theory of Coaching of Baseball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of baseball.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 331 Theory of Coaching of Basketball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of basketball.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 334 Theory of Coaching of Football

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of football.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 336 Theory of Coaching of Softball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of softball.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

PE 337 Theory of Coaching of Volleyball

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of volleyball.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

PE 338 Theory of Coaching of Soccer

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of soccer.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 344 Motor Development

Credits: 3

The course is designed to study the motor development throughout the lifespan of humans. Students will develop skills in analyzing and identifying developmental stages in fundamental motor patterns.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 348 Theory of Coaching of Track & Field

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of track and field.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

PE 350 Theory of Coaching of Wrestling

Credits: 2

This course is available to students interested in developing a better understanding of different philosophies, theories, methods, and techniques of coaching and officiating of wrestling. The student will take a comprehensive look at current wrestling styles and develop a background of core moves which are necessary for coaching and officiating this sport.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 356 Swimming Instruction Methods

Credits: 2

A course that provides the methods for teaching swimming strokes, safety skills, and diving. Successful completion will enable the student to become an American Red Cross swimming instructor. Prerequisite: Skill

Screening

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 360 Introduction to Recreation, Parks, and Community Education **Credits: 3**

This course includes a brief review of the cause and effect of development of community organizations. It focuses on the components that are important in being responsive to the recreation and lifetime leisure needs of our population as well as the land, financial, and organizational responsibilities and opportunities.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

PE 362 Recreational Aquatics **Credits: 3**

The student will learn skills in coordinating, scheduling, supervising and implementing aquatic programs found in many recreational settings. The student will gain basic knowledge of pool maintenance, required aquatic certification procedures, and aquatic staffing practices necessary for recreational aquatic programs. A practical experience in an aquatic setting will be included in the course requirements.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

PE 381 Elementary School Physical Education **Credits: 2**

This course is designed for elementary education majors. The student will understand and apply movement concepts and principles to the learning and development of motor skills. They will also learn skills and strategies for incorporating games and activities into the elementary curriculum.

Pre-Requisites: (ED_101) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

PE 387 Rhythm and Dance Fundamentals **Credits: 2**

This course is designed to give students the skills and knowledge to deliver a progressive sequence of rhythm activities for developmentally appropriate age groups.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 390 Organ & Admin of Athletics & PE **Credits: 2**

Principles and techniques of planning and organizing the functions, services, equipment and facilities utilized in athletics, physical education programs and public and private sector programs.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 392 Prevention & Care of Athletic Injuries **Credits: 2**

This course will provide the theories and practices of athletic injury assessment, care prevention, and rehabilitation used by an athletic coach or physical educator.

Pre-Requisites: (EXSC_100) OR (PE_285) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 393 Adapted Practicum I**Credits: 1**

This course is designed to allow students to develop skills in providing direct service for individuals with disabilities in an adapted physical education or activity setting. This practicum is intended to permit the student to engage in supervised professional activities in selected cooperating agencies or organizations.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 395 Exercise Psychology**Credits: 2**

This course will examine the research, theory, and practical applications of the psychological domain in exercise.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 400 Recreation Program Planning**Credits: 3**

This course focuses on the program planning process used in the community recreation setting. The student will learn methods and guidelines for the development, organization, and implementation of recreational programs and activities. Emphasis given to student design, implementation, and evaluation activities through the theoretical model: The Program Development Cycle.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

PE 401 K-12 Physical Education Methods & Lab**Credits: 3**

This course explores in detail the basic principles of Physical Education and skills and methods of teaching physical education to K-12 students. The course includes a 30-hours field experience.

Pre-Requisites: (PE_220) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PE 478 Recreation & Sports Management**Credits: 3**

This course examines the history, philosophies and theories of management in recreation and sports. The student will learn the management policies and procedures used in recreational, fitness and sports setting.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 481 Adapted Physical Education Application**Credits: 3**

Activities and sports such as wheelchair basketball, sit volleyball, beep baseball, bowling, and aquatics for individuals with disabilities will be presented. Knowledge of these activities such as the history, rules, strategies, etiquette, and motor skills will be included.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

PE 482 Practicum in Coaching**Credits: 1 - 4**

The application of techniques and coaching in a clinical situation.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 483 Intramural Practicum**Credits: 3**

This course is designed to provide a practical experience in planning and implementing a recreational program within the Intramural Department at Southwest Minnesota State University.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 484 Planning Facilities for Physical Activities

Credits: 3

The students will gain an understanding of facility development and maintenance. They will learn about the different exterior and interior elements that are needed when developing a facility in the sport, physical education and recreational industries.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 486 Special Topics

Credits: 1 - 4

This course is designed to provide upper-division students an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 488 Legal Aspects of Recreation & Sport

Credits: 3

This course will develop the students awareness and knowledge of legal liability relating to recreation and sport. The student will be introduced to tort liability, negligence and risk management principles. A practical approach to topics such as waivers, standard of care, safety, security, right to participate, sexual harassment and abuse, and other legal aspects of recreation and sport.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 489 Sports Marketing, Sales, and Promotions

Credits: 3

This course will focus on a comprehensive examination of the sport industry with an emphasis on marketing sport. The course will investigate common management and marketing science, the nature of sport as a consumer product and market, sponsorship relationships and consumer behavior.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 490 Field Practicum

Credits: 2

This course will enable students to apply knowledge and principals of fitness, exercise science and/or sports management in a practicum experience. Senior standing required.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 494 Independent Studies

Credits: 1 - 4

Independent study and research within the physical education and human performance area.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 496 Workshop in Physical Education

Credits: 1 - 4

To provide physical education credit for workshops in the area.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 497 Senior Seminar**Credits: 3**

This course is a culminating experience designed to encompass the breadth of the Health, Physical Education and Recreation fields. Professionalism is the theme throughout the course. Students will be expected to draw upon their resources and acquired knowledge to formulate solutions and/or opinions on selected topics. This course fulfills Southwest Minnesota State University's capstone requirement for graduation.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 497 Senior Seminar**Credits: 2**

This course is a culminating experience designed to encompass the breadth of the Health, Physical Education and Recreation fields. Professionalism is the theme throughout the course. Students will be expected to draw upon their resources and acquired knowledge to formulate solutions and/or opinions on selected topics. This course fulfills Southwest Minnesota State University's capstone requirement for graduation.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 498 Adapted Practicum II**Credits: 3**

This course is designed to allow students to develop skills in providing direct service in an adapted physical education setting within the K-12 public education curriculum.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 499 Professional Internship**Credits: 3 - 12**

To provide an opportunity for a student who works in the area of physical education or human performance in an internship program.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

PE 544 GS:Motor Learning & Dev**Credits: 3**

A research and study of movement behavior, performance, and learning from the infant stages through adulthood. An emphasis to include behavior analysis, motor skill acquisition, instruction, and behavior change.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 550 Practicum in Teaching**Credits: 3**

This course is designed to provide graduate students the opportunity to apply knowledge, theory, and methods of teaching in a post-secondary educational setting. The course is designed to establish a practicum in teaching opportunity for the graduate student with a faculty member in the Wellness & Human Performance Department providing mentorship.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PE 578 Recreation and Sport Management**Credits: 3**

This course examines the history, philosophies, and the theories of management in recreation and sports. The student will learn the management policies and procedures used in recreational, fitness and sports settings. The

student enrolled in PE 578 will research the complexities of the sport industry, demonstrate application of sports management principles and present two graduate level projects in the areas of human resource management and financing the sport enterprise.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 580 GS:Global Perspect of PE

Credits: 3

The course will investigate the inter-relationships of physical education and sport to the cultural components of representative nations from around the world. Attention will be given to the precominant activities of the culture and how it is reflected in physical education and sport, and also the relationship of physical education and sport to cultural maintenance or change.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 581 GS:Skills Test & Measure

Credits: 3

This course will examine and apply current skills test and assessment techniques in the areas of physical education and fitness. Students will be exposed to critical and thought-provoking questions concerning testing and evaluation.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 584 Planning Facilities for Physical Activities

Credits: 3

The students will gain an understanding of facility development and maintenance. They will learn about the different exterior and interior elements that are needed when developing a facility in the sport, physical education and recreational industries. The students enrolled in PE 584 will research a specialized sport facility, demonstrate application of sports management principles, and present two graduate level projects in the areas of facilities design and facilities operations/management.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 585 GS:Biomechanical Analysis

Credits: 3

A study of the mechanics underlying human motion. The course will apply biomechanical principles to the analysis of the movement. Students will gain advanced experience in the techniques of cinematography and other methods of analysis.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 588 Legal Aspects in Recreation & Sport

Credits: 3

This course will develop the student's awareness and knowledge of legal liability relating to recreation and sport. The student will be introduced to tort liability, negligence and risk management principles. A practical approach to topics such as waivers, standard of care, safety, security, right to participate, sexual harassment and abuse, and other legal aspects of recreation and sport.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 589 Sports Marketing, Promotion, and Consumer Behavior

Credits: 3

This course will focus on a comprehensive examination of the sport industry with an emphasis on marketing sport. The course will investigate common management and marketing science, the nature of sport as a

consumer product and market, sponsorship relationships and consumer behavior. The student enrolled in PE 589 will research the sports marketing elements in the national sports scene. Using the framework of strategic sports marketing the student will design two graduate level projects in this area.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PE 590 GS:Org&Admin of PE&Sport

Credits: 3

This course will provide a comprehensive and contemporary study of the administration and management concepts with Physical Education and Athletics. Special consideration will be given to the national developments and trends as well as reflect the most current research in the field. Students should acquire a foundation of management concepts, skills, and techniques.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 591 GS:Applied Ex Physiology

Credits: 3

Application of concepts in human physiology to exercise physiology, physical activity and sport training. This course will emphasize laboratory experiences and the student will be expected to apply physiological concepts. The areas of wellness, sport fitness, and nutrition will also be addressed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 601 Philosophy & Ethics in Coaching

Credits: 3

This course includes the development of a personal coaching philosophy regarding social responsibility with an emphasis on ethical conduct, values and sport involvement, and the personal growth of the athlete. Admission to Graduate Education program required.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 602 Research Foundation in Sport: Methods, Statistics, and Analysis

Credits: 3

This course includes the study of research to develop an understanding of the principles and the essential skills needed to engage in research. Admission to Graduate Education program is required.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PE 603 Sports Skills, Tactics, and Evaluation in Coaching

Credits: 3

This course includes the study of the skills, tactics, and strategies used to develop a competitive sport program with an emphasis on practice planning, game preparation, and evaluation. Admission to Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PE 604 Educational Principles in Coaching

Credits: 3

This course includes the study of methods of implementing educational principles in the daily operation of a sport program with an emphasis on organization, communication, and instructional strategies. Admission to

Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 605 Physical Preparation and Conditioning **Credits: 3**

This course includes the study of scientifically sound conditioning programs and the effects of various training programs and nutrition on the physical and mental performance of the athlete. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

PE 606 Sport Safety and Injury Prevention **Credits: 3**

This course includes the study of methods of injury prevention, injury management, and risk management, and the legal responsibilities of the coach. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602 OR ED_622)) and graduate status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PE 607 Advanced Practicum in Coaching I **Credits: 1 - 2**

This course includes an in-depth coaching experience applying a sports coach's knowledge and skills in a hands-on environment. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

PE 608 Organization, Administration and Marketing of Sport **Credits: 3**

This course includes the study of administrative duties and procedures of a sport program with an emphasis on budgeting, marketing, event management, and facility operations. Admission to the Graduate Education program is required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PE 609 Psychology of Athletic Performance **Credits: 3**

This course includes the study of effective methods of teaching and motivation to enhance sport performance and the athletes overall experience. Admission to the Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

PE 610 Legal Aspects of Sport for Coaches **Credits: 3**

This course includes the development of a deeper understanding of negligence, legal challenges, operational

risks, and methods of documentation in sport. Admission to Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 611 Portfolio Capstone

Credits: 3

This course includes a student-lead capstone project, along with the development of an electronic portfolio of the Coaching Program reflecting the associated National Association of Sport and Physical Education (NASPE) standards. Admission to the Graduate Education program required.

Pre-Requisites: ((PE_602) OR (ED_622)) and graduate status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PE 612 Advanced Practicum in Coaching II

Credits: 1 - 2

This course includes an in-depth coaching experience applying a sport coach's knowledge and skills in a hands-on environment in a setting beyond that of the Advanced Practicum in Coaching I course and the students current experience level. Admission to Graduate Education program required.

Pre-Requisites: ((PE_602 AND PE_607) OR (ED_622 AND PE_607)) and graduate status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

PE 613 Graduate Workshop

Credits: 1 - 3

This course is available, with instructor approval, to students qualified to complete graduate level projects.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PE 697 GS:Current Issues & Curriculum Dev in Health & Physical Education

Credits: 3

This course will explore the latest philosophical issues and controversies which are impacting the field of physical education. Emphasis will be on the student's ability to demonstrate critical thinking in analyzing current literature in physical education concerning its vital importance for students in all phases of academia.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 200 Introduction to Special Needs Lab

Credits: 1

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. This is intended for transfer students who need an introductory field experience. This is equivalent to the SPED 290 lab, which is 15 hours.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 286 Special Topics

Credits: 1 - 4

SPED 290 Introduction to Special Needs and Lab

Credits: 3

This course provides information on the various exceptionalities and facilitates understanding of the basic special needs education services provided to children with disabilities, and includes gifted and talented. Topics

include federal and state mandates, planning with parents, team approaches, teaching methodologies, and curriculum modifications and adaptations. A portfolio, reflective journal, and field experience will assist students in valuing diversity and inclusion.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 304 Professional Development and Classroom Applications Credits: 1

This required course will help candidates in the Special Education teacher education program begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussion and activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience in a Special Education setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 304L Pre-Student Teaching Experience in SPED Practicum Credits: 0 - 1

This required lab will provide guidance to teacher candidates as they complete 10 full days of Pre-Student Teaching Experience (PSTE) and Education Teacher Performance Assessment (EdTPA) requirements. Students will be required to actively participate in a school setting by teaching lessons and engaging in day-to-day functions of the classroom. Additionally students will complete Tasks 1, 2, and 3 of EdTPA.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 305 Action Research for Special Education with PSTE Lab Credits: 3

Teacher candidates will develop skills in interpreting and analyzing research. They will design an action research project that addresses an issue or problem within either their own or another teacher's classroom. Candidates will anecdotally explicate the issue, create a problem statement, form a research question, search and synthesize relevant literature related to the issue and potential solution, create an appropriate instructional plan, implement the plan in collaboration with a mentor teacher, collect and analyze data (progress monitoring), and detail results by relating implications to effective practice and for future consideration. A final presentation of artifacts and data will be made to education faculty and peers. This is a Writing-Intensive course. This course requires a mentored and clinically-rich, pre-student teaching experience of 50 hours.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 400 Field Experience in Special Education Credits: 0 - 2

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 430 Foundations in Mild to Moderate Disabilities Credits: 3

This course provides the characteristics and educational programming for mild to moderate disabilities, including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism

spectrum disorders, traumatic brain injuries, and other health disorders.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 440 Assessment & Educational Planning & lab **Credits: 4**

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special education.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 450 Curriculum Design & Implementation in Special Education **Credits: 3**

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 460 Positive Behavior Support in Special Education **Credits: 3**

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 461 Behavior Management and Social Skills Instruction **Credits: 3**

Behavior Management and Social Skills Instruction, provides an examination of theories and methodology of classroom management and the psychosocial development of children and adolescents, especially those at high risk. Emphasis is on the elements of effective planning that prevent management problems, encourage intrinsic motivation to learn, and foster social competence of all children in the inclusive classroom. Techniques of direct observation and functional behavior assessment will be presented. Direct observations and models will be applied. Students will receive in-depth exposure to and practice with research validated instructional practices appropriate for children with behavior disorders, social skills deficits, and those at risk for failure. Requires 15 hours of Field Lab.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 466 Student Teaching K-12 Special Education **Credits: 12**

Supervised semester long field experience, required for K-12 Special Education licensure fields, in kindergarten - Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor.

Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference.
Admission to Teacher Education program required.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 467 Advanced Student Teaching in Special Education Credits: 1 - 12

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. Additional weeks of supervised practice teaching in the area of Special Education in an elementary and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 468 Special Education Student Teaching for the PASP Program I Credits: 6

This is the first half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least one grade band.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 469 Special Education Student Teaching for the PASP Program II Credits: 6

This is the second half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least two grade bands.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 470 Collaboration in Educational Settings Credits: 3

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 480 Procedural Safeguards in Special Education**Credits: 3**

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 485 Autism Spectrum Disorders: Issues & Needs**Credits: 3**

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives, social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of an partnership with parents.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 486 Special Topics**Credits: 1 - 4****SPED 490 Trends & Traditions in Special Education****Credits: 1**

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 494 Independent Study**Credits: 1 - 4**

This course allows students to do an in-depth, independent exploration of a topic for a better understanding in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 499 Internship**Credits: 1 - 6**

This course involves on-the-job experience. It requires discussion of experience and problems with internship advisor, as well as significant oral and written reports summarizing the learning involved in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 500 Field Experience in Special Education**Credits: 1 - 8**

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 530 Foundations in Mild to Moderate Disabilities**Credits: 3**

This course provides the characteristics and educational programming for mild to moderate disabilities,

including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism spectrum disorders, traumatic brain injuries, and other health disorders.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 540 Assessment & Educational Planning & Lab

Credits: 4

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special education.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 550 Curriculum Design & Implementation in Special Education

Credits: 3

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 560 Positive Behavior Support in Special Education

Credits: 3

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 570 Collaboration in Educational Settings

Credits: 3

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 580 Procedural Safeguards in Special Education

Credits: 3

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 585 Autism Spectrum Disorders: Issues & Needs

Credits: 3

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives,

social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of an partnership with parents.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 586 Special Topics

Credits: 1 - 4

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 590 Trends & Traditions in Special Education

Credits: 1

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 600 Professional Development & Implementation

Credits: 1

Students learn how to create an electronic portfolio to reflect their professional growth and development in Special Education. The portfolio will contain artifacts and written reflection from course work and practicum experiences.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 610 Professional Assessment and Review

Credits: 1

Students create a final electronic portfolio to reflect their professional growth and development in Special Education. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 611 DD Professional Planning and Assessment

Credits: 1

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Developmental Delay. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 613 EBD Professional Planning and Assessment

Credits: 1

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Emotional Behavioral Disorders. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 614 LD Professional Planning and Assessment

Credits: 1

Students create a Live Text portfolio to reflect their professional growth and development in Special

Education: Learning Disabilities. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 620 Characteristics of Students with Learning & Behavior Disorders Credits: 3

This course covers the etiology and characteristics of children and youth with learning and behavior disorders. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated, or medical conditions, and culturally or linguistically diverse students.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 621 Access and Support for Ind. with Moderate to Severe Dev. Disabilities Credits: 3

An examination of the best practices and procedures for meeting the developmental and learning needs of children and youth with developmental disabilities, including appropriate medical support and adaptive, augmentative, and/or assistive technologies.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 623 Characteristics of Students with Moderate to Emotional Behavior Disorders Credits: 3

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 624 Characteristics of Students with Moderate to Severe Learning Disabilities Credits: 3

This course covers the etiology and characteristics of children and youth with Moderate to Severe Learning Disabilities. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated, or medical conditions, and culturally or linguistically diverse students and the collaboration needed for student success.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 625 Applied Research and Assessment in Education Credits: 3

Students will learn and apply education research and assessment as a means of analyzing and improving teaching and the learning of content. Students will use their findings to enhance the scholarship of teaching and learning.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 626 Research: Project Design Credits: 3

Students identify an issue of interest to their professional development. The issue may include, but is not limited to, instructional, organizational, or community processes related to their practice or content area.

Students develop a research project designed to improve, implement or understand the issue identified.
Admission to Special Education Graduate Program is required.

Pre-Requisites: ((SPED_625)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 627 Research Project Implementation

Credits: 2

Students implement and complete their research project

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 641 Life Span Learning & Outcomes for Individuals w/ Mod to Severe Dev Disabil

Credits: 3

A study of the cognitive, social, motor, communication, and affective behavior and needs of children, youth, and adults with moderate to severe developmental disabilities, including transition needs and independent living, safety, leisure, and vocational programming.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 642 Programming & Assessment in Early Childhood ECSE: Birth to 6

Credits: 3

Current research and recommended practices for early intervention will guide the study of the methods and materials employed with infants and young children, birth through age 6.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 643 Behavior Management & Teaching Strategies

Credits: 3

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 644 Teaching & Achievement Strategies for Learning Disabilities

Credits: 3

A study of the theories, content, methods, and materials for delivery of instruction for students with learning disabilities and differences. Procedures to deliver individualized instruction, develop and/or modify instructional materials, and adapt to various instructional models are developed and practiced.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 670 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 1-3

Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching

children with autism spectrum disorders in birth through age 21 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 673 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 1-3 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children with emotional/behavioral disorders in grades K-12 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 674 LD: Practicum in Learning Disabilities in grades K-12, Levels 1-3 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children with learning disabilities in grades K-12 settings across levels 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 680 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 3-4 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching children with autism spectrum disorders in birth through age 21 settings across levels 3 to 4 3 (moderate to severe disability levels). Students must be enrolled in or have successfully completed one of the following courses: SPED 686, SPED 687, or SPED 688

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 681 DD Practicum in SPED:Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Primary (K-4)/Middle Level(5-8) educational setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 682 ECSE Practicum in Special Education: Birth - 3 years Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a home-based and center-based educational setting for infants/toddlers/preschool through age three.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 683 EBD Practicum in SPED: Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 683 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 3-4 Credits: 3

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children with emotional/behavioral disorders in grades K-12 settings across levels 3 to 4 (moderate to severe disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 684 LD Practicum in SPED:Primary(K-4)/Middle Level (5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 686 Autism Spectrum Disorders:Assessment & Programming Credits: 3

This course covers assessment, eligibility criterion, programming, and transition plans for individuals with ASD. Generalization of skills to natural environments is included.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 687 Autism Spectrum Disorders: Communication & Social Skills Credits: 3

This course covers the communication needs and supports for individuals with ASD and their relationship to social skill development. The impact of cultural and linguistic diversity is included.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 688 Autism Spectrum Disorders: Behavioral & Instructional Strategies Credits: 3

This course covers factors that affect behavior in individuals with ASD. This includes research-based methods, proactive strategies, and positive behavioral supports. Includes a field experience.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 691 DD Practicum in SPED: Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Middle Level(5-8)/High School (9-12) educational setting or adult individual, including transition programs

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 692 ECSE Practicum in Special Education: 4 years to 1st grade Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a center-based educational setting for preschoolers, kindergarteners, & 1st graders.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 694 LD Practicum in SPED: Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Middle Level (grades 5-8) and High School (9-12) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Physics

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Ken Murphy

The objective of the study of Physics is for the student to acquire basic concepts and principles of physics, to become familiar with various types of physical processes and instrumentation, to develop a wide variety of problem-solving skills, and to acquire the ability to make critical decisions. The minor in Physics provides a core of fundamental physics courses which will enhance any math, science, or related field of study.

Minor: Physics(27 Credits)

Mathematics (9 Credits)

MATH 150	Calculus I	Credits: 5
MATH 151	Calculus II	Credits: 4

Physics (14 Credits)

PHYS 181	University Physics I	Credits: 4
PHYS 182	University Physics II	Credits: 4
PHYS 291	Modern Physics	Credits: 3
PHYS 351	Advanced Lab I	Credits: 1

Choose one elective (4 Credits)

PHYS 391	Classical Mechanics	Credits: 4
PHYS 392	Electricity & Magnetism	Credits: 4
PHYS 491	Quantum Mechanics	Credits: 4
PHYS 492	Thermal & Statistical Physics	Credits: 4

Total Credits: **27**

Course Descriptions

PHYS 100 Our Physical Universe

Credits: 3

A non-mathematical approach to the great ideas of physics and astronomy, together with their philosophical and social impact. This course is designed for non science majors. Scientific topics include the developmental history of science, mechanics, electricity, magnetism, cosmology, relativity, quantum theory, and nuclear physics. Philosophical and social topics include methods and values of science, problems related to energy sources, and implications of modern weapons.

Course Frequency: Fall: Dept Discretion Spring: Dept Discretion Summer: N/A

PHYS 100L Our Physical Universe Lab

Credits: 1

A non-mathematical approach to the great ideas of physics and astronomy, together with their philosophical and social impact. This course is designed for non science majors. Scientific topics include the developmental history of science, mechanics, electricity, magnetism, cosmology, relativity, quantum theory, and nuclear physics. Philosophical and social topics include methods and values of science, problems related to energy sources, and implications of modern weapons.

Course Frequency: Fall: Dept Discretion Spring: Dept Discretion Summer: N/A

PHYS 120 Introductory Physics

Credits: 3

A descriptive and experiential exploration of physics. Topics will be drawn from mechanics, waves, fluids,

sound, heat, light, electricity, magnetism, and modern physics. The required preparation for this course is two years of high school mathematics or MATH 060.

Goal: 03- Natural Science **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PHYS 120L Introductory Physics Lab

Credits: 1

A descriptive and experiential exploration of physics. Topics will be drawn from mechanics, waves, fluids, sound, heat, light, electricity, magnetism, and modern physics.

Goal: 03- Natural Science **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PHYS 121 Introduction to Astronomy

Credits: 3

Qualitative introduction and historical outline of astronomy and development of physical laws used to describe the solar system, stars, galaxies, the universe, and some observational techniques. The laboratory includes extensive use of the planetarium.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PHYS 121L Introduction to Astronomy Lab

Credits: 1

Qualitative introduction and historical outline of astronomy and development of physical laws used to describe the solar system, stars, galaxies, the universe, and some observational techniques. The laboratory includes extensive use of the planetarium.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PHYS 141 College Physics I

Credits: 3

This is the first course in a two-semester sequence which makes extensive use of algebra and trigonometry covering fundamental concepts of physics. The sequence is appropriate for pre-professional majors requiring two semesters of physics. Includes basic principles of bodies at rest and in motion, periodic motion, heat, thermodynamics. The required preparation for this course is three years of high school math including trigonometry or MATH 125.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PHYS 141L College Physics I Lab

Credits: 1

Introductory physics course which makes extensive use of algebra and trigonometry. For students in the areas of biology, environmental science, health science and related pre-professional programs. Includes basic principles of bodies at rest and in motion, periodic motion, heat, thermodynamics, electricity, magnetism, electromagnetic radiation, optics, and selected topics from modern physics.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PHYS 142 College Physics II

Credits: 3

This is the second course in a two-semester sequence which makes extensive use of algebra and trigonometry covering fundamental concepts of physics. The sequence is appropriate for pre-professional majors requiring

two semesters of physics. Topics include electricity, magnetism, electromagnetic radiation, optics, and selected topics from modern physics.

Pre-Requisites: (PHYS_141) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PHYS 142L College Physics II Lab

Credits: 1

Introductory physics course which makes extensive use of algebra and trigonometry. For students in the areas of biology, environmental science, health science and related pre-professional programs. Includes basic principles of bodies at rest and in motion, periodic motion, heat, thermodynamics, electricity, magnetism, electromagnetic radiation, optics, and selected topics from modern physics.

Pre-Requisites: (PHYS_141) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PHYS 150 Directed Research

Credits: 1 - 3

Directed experimental and/or theoretical research on selected problems in the physical sciences.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 181 University Physics I

Credits: 4

This is the first course in a two-semester calculus level sequence covering fundamental concepts of physics. This is the preferred sequence for students majoring in physical science or engineering. Topics include Newtonian mechanics, conservation laws, simple harmonic motion, wave motion, and thermodynamics. Emphasizes the use of vectors and calculus in problem-solving.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PHYS 181L University Physics I Lab

Credits: 1

Introductory calculus-based physics course for students pursuing fields in engineering, physics, and chemistry. Topics include Newtonian mechanics, conservation laws, simple harmonic motion, wave motion, thermodynamics, electrostatics, simple DC/AC circuits, magnetism, electromagnetic waves, and optics. Emphasizes the use of vectors and calculus in problem-solving.

Goal: 03- Natural Science **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PHYS 182 University Physics II

Credits: 4

This is the second course in a two-semester calculus level sequence covering fundamental concepts of physics. This is the preferred sequence for students majoring in physical science or engineering. Topics include electrostatics, simple DC/AC circuits, magnetism, electromagnetic waves, and optics. Emphasizes the use of vectors and calculus in problem-solving.

Pre-Requisites: (PHYS_181) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PHYS 182L University Physics II Lab

Credits: 1

Introductory calculus-based physics course for students pursuing fields in engineering, physics, and chemistry. Topics include Newtonian mechanics, conservation laws, simple harmonic motion, wave motion,

thermodynamics, electrostatics, simple DC/AC circuits, magnetism, electromagnetic waves, and optics.
Emphasizes the use of vectors and calculus in problem-solving.

Pre-Requisites: (PHYS_181) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PHYS 186 Special Topics in Physics

Credits: 1 - 4

PHYS 241 Engineering Statics

Credits: 3

Applications of equations of equilibrium to the analysis of simple structures and machines. Use will be made of vector algebra, free body diagrams, center of gravity and moment of force acting on a rigid body.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 242 Engineering Dynamics

Credits: 3

Vector treatment of kinematics, Newton's Laws, work and energy, impulse and momentum with applications to problems of particle and rigid body motion.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 250 Directed Studies

Credits: 1 - 3

Directed study of selected topics in the physical sciences not covered elsewhere.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 260 Electronics

Credits: 2

Basic electricity and circuit functions, time-varying and resonant circuits, semiconductors (diodes, transistors and other devices), amplifiers, waveform generators, and nonlinear devices.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 260L Electronics Lab

Credits: 1

Basic electricity and circuit functions, time-varying and resonant circuits, semiconductors (diodes, transistors and other devices), amplifiers, waveform generators, and nonlinear devices.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 281L Analytical Physics I Lab

Credits: 1

PHYS 282L Analytical Physics II Lab

Credits: 1

Course requires science programmatic tuition of \$15.00 per credit

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 286 Topics in Physics

Credits: 1 - 4

Study of physics topic not ordinarily covered in the established courses.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 290 Mathematical Physics**Credits: 3**

A sequel to PHYS 182 designed for pre-engineers, some math majors, and other science majors. Emphasis will be placed upon a vector calculus treatment of the physical concepts of electromagnetism.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 291 Modern Physics**Credits: 3**

A historically-based development of relativity and quantum theory as seen through the breakdown of classical physics. Investigation of the Bohr model of the atom, introduction to quantum mechanics and its application to problems involving simple forms of potential energy through the application of the Schrodinger equation. Brief introduction to topics including atomic, molecular, solid state, and nuclear physics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 301 3D Modeling & Animation using Blender**Credits: 1**

Students will use a free open source software package called Blender. Blender allows users to create three dimensional object models while adding materials, textures, and movement through key frame animation. Modeling techniques will include creating scene environments and adjusting lighting. Scenes will be animated and rendered into a final movie. Movies will be created in class using two camera projections: "flat" and "fisheye" for playing in the planetarium dome. Topics include Blender Interface, Modeling, Key frame Animation, Rendering for flat & fisheye cameras, Materials, Textures, Lighting, Modifiers, 3D Text, Blender Video Editor, Particles, Paths, Physics Simulator, Blender Game Engine Logic, legal sources of free models and music for making Productions. The recommended preparation is COMP 111 or the equivalent.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

PHYS 351 Advanced Lab I**Credits: 1**

Advanced physics lab for student majoring or minoring in physics. Lab experiments are derived from the areas of mechanics, thermodynamics, electricity and magnetism, optics, and modern physics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 352 Advanced Lab II**Credits: 1**

Advanced physics lab for student majoring or minoring in physics. Lab experiments are derived from the areas of mechanics, thermodynamics, electricity and magnetism, optics, and modern physics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 391 Classical Mechanics**Credits: 4**

Rigid bodies and systems of particles analyzed with Lagrangians, Hamiltonians, and methods from vector calculus, gravitation, central field problems, and wave motion.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 392 Electricity & Magnetism**Credits: 4**

Electrostatics, magnetostatics, dielectrics, time varying electric and magnetic fields, electromagnetic induction, applications of Gauss' Law, Ampere's Law, and Faraday's Law in the development of Maxwell's

equations.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 451 Advanced Lab III

Credits: 1

Advanced physics lab for student majoring or minoring in physics. Lab experiments are derived from the areas of mechanics, thermodynamics, electricity and magnetism, optics, and Modern Physics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 452 Advanced Lab IV

Credits: 1

Advanced physics lab for student majoring or minoring in physics. Lab experiments are derived from the areas of mechanics, thermodynamics, electricity and magnetism, optics, and Modern Physics.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 480 Physics Seminar

Credits: 1

Presentations by students, faculty, and guest speakers covering research topics and issues relating to physics and/or engineering.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 486 Topics in Physics

Credits: 1 - 4

Study of physics topic not ordinarily covered in the established courses.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 491 Quantum Mechanics

Credits: 4

Basic principles of quantum mechanics including operators, one-dimensional wells and barriers, Schrodinger equation, uncertainty, wave-particle duality, Born interpretation, unstable states, bosons and fermions, central force problems, angular momentum, spin, addition of angular momentum, and various approximation methods.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 492 Thermal & Statistical Physics

Credits: 4

A rigorous analysis of the thermal properties of physical systems at the microscopic and macroscopic levels. Introduction to the laws of thermodynamics, cyclic processes, and entropy functions. Development of the Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distribution functions.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS 499 Physics Internship

Credits: 1 - 10

Supervised work assignments in physics outside the University for selected and qualified students. Prior approval by the Physics Program of the project and of credit to be received is required.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PHYS XXX Physics course with lab

Credits: 8

Choose two Physics courses with labs numbered 140 or above.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Political Science

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Douglas Simon, David Sturrock

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Political Science](#)

[Download MAP](#)

The study of Political Science provides students with opportunities to investigate political phenomena ranging from the behavior of the individual citizen to relations among states in the international arena. The program seeks to develop an awareness of the moral and ethical implications of political action as well as an understanding of political institutions and processes from an empirical perspective.

A Political Science degree provides an excellent foundation for careers in such fields as local, state, and federal government, the foreign service, law, journalism, business, education, law enforcement, nonprofit agencies, lobbying, campaign management, and corporate public affairs.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Political Science(37 Credits)**I. Core Courses: (16 Credits)**

POL 117	Introduction to Government & Politics	Credits: 3
POL 120	American National Government	Credits: 3
POL 300	Political Research Methods	Credits: 4
POL 422	American Political Thought	Credits: 3
POL 490	Senior Seminar	Credits: 3

II. Political Science Categories: (12 Credits)*1. One from the following:*

POL 221	State Government	Credits: 3
POL 250	Amer Parties & Elections	Credits: 3
POL 324	Local & Rural Politics	Credits: 3
POL 330	The American Presidency	Credits: 3
POL 340	Public Policy & Administration	Credits: 3
POL 425	United States Congress	Credits: 3

2. One from the following:

POL 200	International Politics	Credits: 3
POL 355	World Political Geography	Credits: 3
POL 356	Politics of Global Economy	Credits: 3
POL 360	American Foreign Policy	Credits: 3
POL 405	War and Peace	Credits: 3
POL 455	International Law	Credits: 3

3. One from the following:

POL 227	The Judicial Process	Credits: 3
POL 325	Administrative Law and Regulation	Credits: 3
POL 328	Criminal Justice and Procedure	Credits: 3
POL 351	Constitutional Law II: Civil Liberties	Credits: 3
POL 415	Law & Society	Credits: 3
POL 430	The US Supreme Court	Credits: 3

4. One from the following:

POL 252	Intro Comparative Politics	Credits: 3
POL 320	Political Economy of the Third World	Credits: 3
POL 370	Government & Politics of Western Europe	Credits: 3
POL 375	Government & Politics of Russia	Credits: 3

POL 451 Politics Adv Capitalist _____ Credits: 3

III. Additional Political Science Courses: (9 Credits)

Two additional courses from any one of categories 1-4

POL XXX Courses from Categories 1-4 _____ Credits: 6

Elective Courses:

POL 2XX Political Science Course 200 level or above _____ Credits: 3

Total Credits: **37**

Minor: Political Science(15 Credits)

I. Required Courses: (6 Credits)

POL 117 Introduction to Government & Politics _____ Credits: 3

POL 120 American National Government _____ Credits: 3

II. Political Science Electives (9 Credits)

POL 2XX Political Science Courses 200 level or above _____ Credits: 9

Total Credits: **15**

Minor: Public Administration(15 Credits)

I. Core Requirements: (9 Credits)

MGMT 300 Management Principles _____ Credits: 3

POL 340 Public Policy & Administration _____ Credits: 3

Choose one:

ECON 351 Public Budgeting and Finance _____ Credits: 3

ECON 380 Public Finance _____ Credits: 3

II. Electives: (Choose two, 6 credits)

MGMT 330 Organizational Behavior and Theory _____ Credits: 3

MGMT 350 Human Resources _____ Credits: 3

POL 221 State Government _____ Credits: 3

POL 324 Local & Rural Politics _____ Credits: 3

POL 325 Administrative Law and Regulation _____ Credits: 3

Total Credits: **15**

Course Descriptions

POL 100 Vital Issues in America

Credits: 1

This course provides an examination of critical topics in business, law, and politics.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

POL 117 Introduction to Government & Politics

Credits: 3

The scope and methods of the study of politics and political systems. Basic techniques and problems for the social and political scientist. Emphasis upon comparative and international political issues such as the exercise of political power, implications of economic inequality, population control, the arms race, disarmament, great power, and North-South rivalries.

Goal: 08- Global Perspective 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

POL 120 American National Government**Credits: 3**

Surveys the executive, legislative, and judicial branches of the national government; the role of political parties, interest groups and public opinion. Includes discussion of local and state government and the political uses of the law.

Goal: 05- Hist/Soc/Behav Sci 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

POL 200 International Politics**Credits: 3**

Examination of theories, concepts, and structures instrumental in understanding international relations. Includes a realistic, systematic and political economy analysis of actions and interactions, images and realities in international affairs. Topics include great power rivalry, the arms race, great power intervention in the Third World, trade war and conflict in Southern Africa.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

POL 221 State Government**Credits: 3**

Examines the role of states in the American federal system. Analyzes intergovernmental relations and issues of current interest such as taxing powers, grants, and responsibilities for providing public services such as education, policing, welfare, and environmental protection. Special attention to Minnesota.

Goal: 05- Hist/Soc/Behav Sci 09- Ethical/Civic Resp **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

POL 227 The Judicial Process**Credits: 3**

Examines the role of lawyers, judges, juries, and citizens in the American legal and judicial systems. Attention is given to various theories behind the law and legal practices; the moral aspects of public law; modern problems confronting the legal system, and efforts to reform the system.

Goal: 05- Hist/Soc/Behav Sci **Course Frequency:** *Fall: N/A Spring: N/A Summer: Dept Discretion*

POL 250 Amer Parties & Elections**Credits: 3**

An examination of the role of political parties in the American political system. Includes a history of parties; various aspects of the electoral system; recent trends in American electoral behavior; the activities of parties at the national, state and local levels; and a study of the most recent election results.

Goal: 09- Ethical/Civic Resp **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 252 Intro Comparative Politics**Credits: 3**

An introduction to the study of comparative politics. A survey of political concepts (including representation, legitimacy, the state), ideologies, institutions and processes as applied to selected industrial democracies, authoritarian, totalitarian, communist regimes, and "developing" countries, ending with a discussion of ethics from a comparative political perspective.

Goal: 05- Hist/Soc/Behav Sci 08- Global Perspective **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

POL 255 Model United Nations**Credits: 1 - 2**

An examination of history, function, dynamics and future of the United Nations and its role as an

international organization. Students will be involved in case studies and problem resolution.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

POL 286 Special Topics

Credits: 1 - 4

POL 292 Honors Credit Political Science

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

POL 300 Political Research Methods

Credits: 4

Covers the basics of research methodology and an introduction to statistical analysis and data processing with computers as applied to Political Science.

Pre-Requisites: (POL_117 AND POL_120) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

POL 301 Critical Issues in America

Credits: 2

An examination of contemporary controversies in American business, politics, and law. Course includes debates, discussions, and readings.

Pre-Requisites: ((POL_100)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 320 Political Economy of the Third World

Credits: 3

Considers the problems in Third World countries of widespread and deep poverty, high levels and pronounced structures of inequality, the social and cultural contradictions produced by the late transformation to modern industrial and agricultural economy and the associated involvement in the world economy in a subordinate position.

Pre-Requisites: (POL_117) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 324 Local & Rural Politics

Credits: 3

This course surveys the government and politics of local governments, including counties, cities, and townships. Major topics include contrasts between major urban governments, and local governments in Greater Minnesota, intergovernmental relations between local, state and federal levels, elected and appointed leadership, local budget policy, economic development, and land use issues.

Goal: 09- Ethical/Civic Resp **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

POL 325 Administrative Law and Regulation

Credits: 3

This course considers the role of government in the regulation of the market. In doing so, we consider regulatory practice and the mechanisms to adjust market behavior. To that end, we consider rulemaking,

adjudication, enforcement, licensing, the collection of information, judicial review, and public sector personnel management.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

POL 328 Criminal Justice and Procedure

Credits: 3

An examination of the role of the U.S. Constitution and the state and federal courts in handling crime and justice in America. Particular attention is paid to the evolution of legal precedents, recent Supreme Court decisions, federalism, criminal procedure, and efforts to reform the American criminal justice system.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

POL 330 The American Presidency

Credits: 3

Offers a detailed examination of the modern American presidency, and a history of the evolution of the office from the administration of Washington. Particular attention is paid to presidential elections and recent developments which have altered the role the President now assumes.

Pre-Requisites: (POL_120) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 331 Western Political Thought

Credits: 3

The study of political thought from Plato to the 17th century. Special attention is paid to Plato and Aristotle. Various ideas are examined, including the nature of rights, absolutes, the nature of human beings, the necessity of laws and the state, and the relationship between people and society.

Pre-Requisites: (POL_117) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 340 Public Policy & Administration

Credits: 3

Examines the initiation, development and implementation of public policy in the U.S. at all levels of government, with special emphasis on national policy-making. Includes study of the role of each branch of government in the policy process, citizen input in the process, current debates over important policies, and the significance of political parties and interest groups in the formulation of policies.

Pre-Requisites: (POL_120) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

POL 351 Constitutional Law II: Civil Liberties

Credits: 3

An examination of the various rights, responsibilities, and liberties guaranteed Americans in the U.S. Constitution. Special attention is paid to First Amendment speech, assembly, press and religious rights; government's ability to conduct searches; equal protection; economic liberties; protection against self-incrimination, and rights before and during criminal trials.

Pre-Requisites: (POL_120) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

POL 355 World Political Geography

Credits: 3

A traditional regional approach to geography combined with a survey of several important subfields, such as urban geography, geopolitics, political geography, and economic geography.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

POL 356 Politics of Global Economy**Credits: 3**

The course is designed to examine the role of the state in the world economy. Liberal, mercantilist and Marxist conceptions of international political economy will be considered. Emphasis is placed upon state strategies for the manipulation of international economic ties to serve national political ends. Topics include the decline of U.S. hegemony, the political rivalry of major trading states, theories of imperialism, and dependency relationships in Southern Africa.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

POL 360 American Foreign Policy**Credits: 3**

An introduction to U.S. foreign policy, the motivations for foreign policy, and the makers of foreign policy. Includes study of influences on foreign policy and the tools of foreign policy.

Pre-Requisites: (POL_200) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

POL 370 Government & Politics of Western Europe**Credits: 3**

This course surveys political institutions and processes of individual nation-states, examines the institutions of the European Union, explores the public policy process, and analyzes theoretical explanations for the successes and failures of the European Union.

Pre-Requisites: (POL_117) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 375 Government & Politics of Russia**Credits: 3**

Surveys the creation and evolution of the Russian state at local, regional, and national levels, the nature of politics, and the development of political, social, and economic institutions, the fragmentation of the U.S.S.R. and emergence of Russia as a great power.

Pre-Requisites: (POL_117) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 380 The Proliferation of Weapons of Mass Destruction**Credits: 3**

An examination of the phenomenon of the proliferation of weapons of mass destruction that assesses the severity of the problem. The course will also explore possible explanations for the spread of nuclear, chemical, and biological weapons, and evaluate existing nonproliferation and counterproliferation policy.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

POL 405 War and Peace**Credits: 3**

This course combines a survey of the major theoretical explanations for war and peace with a detailed analysis of relevant case studies.

Pre-Requisites: (POL_200) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 415 Law & Society**Credits: 3**

A study of the impact of American laws, courts, and judicial practices on American society. Includes examination of significant Supreme Court decisions; the changing role of lawyers; the plight of the nation's poor; problems associated with civil litigation; public perceptions of the nation's judicial system, and efforts to reform the national legal system.

Pre-Requisites: (POL_120) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

POL 422 American Political Thought**Credits: 3**

A survey of American political ideas, and their consequences, from the American Revolution to the present. Includes an examination of the European origins of the American political tradition. Among the figures studied are John Locke, James Madison, Thomas Jefferson, John C. Calhoun, Abraham Lincoln, Woodrow Wilson, Theodore and Franklin D. Roosevelt, and Ronald Reagan. Particular attention is paid to the evolution of the dialogue between conservatism and liberalism since World War II.

Pre-Requisites: (POL_120) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

POL 425 United States Congress**Credits: 3**

Examines the role of the American legislature in modern times. Special emphasis on congressional elections; interest-group activities in Washington, D.C.; the relationship between the President and Congress, and the day-to-day routine of members of Congress.

Pre-Requisites: (POL_120) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 430 The US Supreme Court**Credits: 3**

An examination of the history, functions, and characteristics of the United States Supreme Court. Special focus is given to the contemporary Supreme Court, current legal and judicial controversies, and the Supreme Court's individual members. The central feature of the course is a mock U.S. Supreme Court trial, which engages all class members (through research, preparation of written briefs, and presentation of oral arguments) in a term project. The trial is judged by local attorneys and other members of the legal community, all of whom appear clad in black judicial robes.

Pre-Requisites: (POL_120) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

POL 451 Politics Adv Capitalist**Credits: 3**

A study of the advanced capitalist state using examples of the United States, Japan, Germany, and France. The approach is grounded in political economy; central issues addressed are the bases of legitimacy, meanings

of social justice, rights and obligations of citizens, the powers of bureaucracy, foundations of law, procedural justice, market morality, and domestic and external constraints on the state's ability to govern. Marxian, liberal, and Weberian critiques will be examined.

Pre-Requisites: (POL_117) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

POL 455 International Law

Credits: 3

This course considers the legal regimes that govern how international law is employed, how it is created, its sources, and the substantive bodies of law that have evolved to shape the field. That is, we take a look at human rights, humanitarian law, private international law, and the development of international organizations, all of which influence the structure and governance of the international community.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

POL 486 Advanced Special Topics Political Science

Credits: 1 - 4

Selected topics in Political Science. Special emphasis will be given to individual research projects.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

POL 490 Senior Seminar

Credits: 3

Seminar devotes intensive study to selected topics in the fields of government and statecraft. Includes exposure to scholarly literature in the field, student-led discussions of course material, a major research project, and formal presentation of findings.

Pre-Requisites: (POL_117 AND POL_120) and senior status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

POL 494 Independent Study

Credits: 1 - 4

A study of politics through individual research projects. Topic to be selected by the student.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

POL 499 Internship in Government

Credits: 3 - 9

The course gives credit for supervised work assigned in a government agency, political campaign, or interest group for selected and qualified students. Preparation and final report required.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

POL 510 GS:T&I in Political Sci

Credits: 3

This graduate-level course explores the longstanding as well as the emerging issues in national and international politics. The focus of the course is learning about, and improving, the methodology used by

political scientists in order to better understand these issues. In any given academic term several issues are selected, and each student selects one for the purpose of conducting research, and then completing a lengthy term paper. Throughout the course, all students are exposed to the issues being researched individually, so that the presentations of research projects involve full, informed class participation. Additionally, students are introduced to the major theories and groundbreaking efforts in political science being conducted worldwide.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

POL 520 GS:Is in Political Scien

Credits: 1 - 3

POL XXX Courses from Categories 1-4

Credits: 6

Choose two additional courses from the categories 1-4 listed above.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Psychology

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Benjamin Anderson, Corey Butler, Christine Olson, Bill Pavot, Scott Peterson

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Psychology](#)

[Download MAP](#)

The Program

The major in Psychology at SMSU blends a background in experimental methodology with an applied approach to the study of behavior. Our faculty's expertise encompasses five of the major areas of contemporary psychology—personality, experimental, developmental, applied, and social psychology. In addition, faculty from other programs at SMSU, as well as professionals from the community who hold degrees in psychology and closely related areas, frequently offer courses in their special areas of competence.

The Degree

A bachelor's degree in Psychology can lead to employment in a number of different areas, such as work in group home, educational, human resource, non-profit, criminal justice, and social service settings, as well as careers in other fields for which a liberal arts degree is appropriate. In addition, the degree can lead to graduate school and subsequent professional employment as a psychologist in areas such as counseling, clinical, experimental, physiological, industrial/organizational, developmental, health, forensic, or school psychology.

A grade of "C-" or better is required for major or minor coursework applied toward a degree from the Psychology Program.

NOTE: Students seeking licensure to teach social science in grades 5-12 may major in psychology and follow the Teacher Licensing Requirements listed in the [Education section](#). Students should contact the Education Department for the most up-to-date licensure information.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Psychology(39 Credits)

I. Required Psychology Courses: (30 Credits)

PSYC 101	General Psychology I _____	Credits: 3
PSYC 110	Psychology Seminar _____	Credits: 2
PSYC 200	Statistics for the Behavioral Sciences _____	Credits: 3
PSYC 200L	Statistics for the Behavioral Sciences Lab _____	Credits: 1
PSYC 201	Research Methods Behavior _____	Credits: 3
PSYC 400	Advanced Applied Psychology _____	Credits: 3
PSYC 420	History & Systems of Psychology _____	Credits: 3

One of the following courses:

PSYC 309	Advanced Experimental Psychology: _____	Credits: 3
Biopsychology	_____	
PSYC 312	Advanced Experimental Psychology: Learning & _____	Credits: 3
Memory	_____	
PSYC 320	Advanced Experimental Psychology: Sensation & _____	Credits: 3
Perception	_____	
PSYC 333	Advanced Experimental Psychology: Motivation & _____	Credits: 3
Emotion	_____	

Two courses from the following:

PSYC 317	Social Psychology _____	Credits: 3
PSYC 335	Abnormal Psychology _____	Credits: 3
PSYC 338	Psychology of Personality _____	Credits: 3

One of the following courses:

PSYC 340	Developmental Psychology _____	Credits: 3
PSYC 341	Child & Adolescent Psychology _____	Credits: 3
PSYC 343	Adult Development & Aging _____	Credits: 3

II. Electives in Psychology: (9 Credits)

PSYC 102	General Psychology II _____	Credits: 3
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PSYC 150	Applied Psychology _____	Credits: 3
PSYC 242	Psychology of Death, Dying, & Bereavement _____	Credits: 3
PSYC 244	Environmental Psychology _____	Credits: 3
PSYC 246	Psychology of Adjustment _____	Credits: 3
PSYC 250	Psychology of Women _____	Credits: 3
PSYC 265	Behavior Modification _____	Credits: 3
PSYC 286	Special Topics Psychology _____	Credits: 1 - 4
PSYC 292	Honor Credit Psychology _____	Credits: 1
PSYC 302	Research Seminar _____	Credits: 1 - 3
PSYC 318	Group Dynamics _____	Credits: 3
PSYC 325	Attitudes & Persuasion _____	Credits: 3
PSYC 326	Behavior _____	Credits: 3
PSYC 331	Tests & Measurements in Psychology _____	Credits: 3
PSYC 337	Counseling & Psychotherapy _____	Credits: 3
PSYC 339	Positive Psychology _____	Credits: 3
PSYC 358	Industrial/Organizational Psychology _____	Credits: 3
PSYC 360	Cross-Cultural Psychology _____	Credits: 3
PSYC 400	Advanced Applied Psychology _____	Credits: 3
PSYC 480	Experimental Design _____	
PSYC 494	Independent Study Psychology _____	Credits: 1 - 4

Total Credits: **39**

Minor: Psychology(18 Credits)

I. Required Courses in Psychology (3 Credits)

PSYC 101	General Psychology I _____	Credits: 3
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Three courses from the following:

PSYC 265	Behavior Modification _____	Credits: 3
PSYC 317	Social Psychology _____	Credits: 3
PSYC 335	Abnormal Psychology _____	Credits: 3
PSYC 337	Counseling & Psychotherapy _____	Credits: 3
PSYC 338	Psychology of Personality _____	Credits: 3
PSYC 341	Child & Adolescent Psychology _____	Credits: 3
PSYC 343	Adult Development & Aging _____	Credits: 3
PSYC 358	Industrial/Organizational Psychology _____	Credits: 3

II. Electives in Psychology (6 Credits)

PSYC XXX	Psychology Electives _____	Credits: 6
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Total Credits: **18**

Course Descriptions

PSYC 101 General Psychology I

Credits: 3

This course surveys content areas of general interest in psychology. Topics include major schools of thought in psychology, development, states of awareness, learning, memory, health and stress, personality, abnormal behavior, psychotherapy, and social issues.

Goal: 05- Hist/Soc/Behav Sci **Course Frequency:** Fall: All Years Spring: All Years Summer: All Years

PSYC 102 General Psychology II

Credits: 3

This course surveys content areas in a more specific and indepth way than General Psychology I. Topics include biological psychology, sensation, perception, cognition, intelligence, and motivation and emotion.

Students learn to use primary sources in psychology.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PSYC 110 Psychology Seminar

Credits: 2

This is a lecture and seminar course which helps students develop skills related to finding, reading, abstracting, and synthesizing published research in psychology. It also introduces students to the psychology major and to career planning in psychology.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PSYC 150 Applied Psychology

Credits: 3

This course acquaints the student with the application of psychological principles and methods in a wide variety of settings. Topics include problems addressed by applied psychologists working in business and industry, clinical, community, health, legal, environmental and developmental settings.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PSYC 200 Statistics for the Behavioral Sciences

Credits: 3

This course surveys the use of statistical methods for the description and interpretation of behavioral research. Students learn to use SPSS, a computer package for data analysis. The required preparation is MATH 110 or three years of high school mathematics.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

PSYC 200L Statistics for the Behavioral Sciences Lab

Credits: 1

This course surveys basic statistical methods used for the description and interpretation of behavioral research. Topics covered include frequency distributions the normal curve, hypothesis testing, analysis of variance, and correlation. Students will also learn to use SPSS, a computer package for data analysis. The required preparation is MATH 110 or three years of high school mathematics.

Course Frequency: *Fall: All Years Spring: All Years Summer: Dept Discretion*

PSYC 201 Research Methods Behavior

Credits: 3

This course covers the fundamentals of research design and methodology in a variety of settings of interest to behavioral scientists. A lab component is included which involves students in collecting data, applying statistical methods, and writing a report in APA journal format. Students use SPSS, a computer package for data analysis.

Pre-Requisites: (PSYC_200) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

PSYC 242 Psychology of Death, Dying, & Bereavement

Credits: 3

Included in this course is a review of research on terminally ill patients and their families, reactions of family and children to death and to grief associated with loss of loved ones or of important functions, and study of

strategies developed to deal with problems in this area.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PSYC 244 Environmental Psychology

Credits: 3

This course surveys recent research and theory which has been devoted to understanding the interaction between people and the physical environment. Psychological factors such as arousal, stress, and privacy regulation are examined, as well as physical factors in both built and natural environments.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PSYC 246 Psychology of Adjustment

Credits: 3

This course applies psychological theory and research to solving everyday problems, and adjustment to a constantly changing environment. Specific areas of focus include learning to deal with ourselves, learning to deal with others, and learning to deal with environmental change and stressors.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PSYC 250 Psychology of Women

Credits: 3

This course surveys current theory and research on the psychology of women. Topics include theories of female psychological development, biological influences, achievement motivation, sex roles, stereotyping, socialization, sexuality, personality, and life stages.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

PSYC 265 Behavior Modification

Credits: 3

The use of learning principles to modify behavior in a variety of settings is studied. Educational, therapeutic, and self-control domains are explored.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: Dept Discretion Spring: N/A Summer: N/A*

PSYC 286 Special Topics Psychology

Credits: 1 - 4

PSYC 287 Mental Health Topics

Credits: 1

Common topics addressed by the Mental Health topics course, regardless of the particular mental health concern addressed in given semester (e.g., eating disorders, PTSD, borderline personality disorder) include the following; nature, prevalence, etiology, treatment outcome literature, and critical consideration of the self-help literature of a given mental health concern. In addition there will be opportunities to apply effective coping/intervention strategies. Mental health topics will be considered from the perspective of those experiencing symptoms of a given mental health disorder and concerned others.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PSYC 292 Honor Credit Psychology

Credits: 1

An independent study course designed primarily for Honors Program students. This course allows more

in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other psychology course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PSYC 302 Research Seminar

Credits: 1 - 3

This course provides a forum for the development, implementation, and presentation of original research projects. A seminar format is used to discuss research ideas, designs, problems, and the presentation and discussion of findings. It includes an on-campus presentation of individual research projects.

Pre-Requisites: (PSYC_101 AND PSYC_201) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

PSYC 309 Advanced Experimental Psychology: Biopsychology

Credits: 3

The course deals with the relationship between the brain, physiological systems, and behavior. Topics include neuroanatomy, neurophysiology, sensory systems, learning, mental disorders, and drug actions.

Pre-Requisites: (PSYC_201) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

PSYC 312 Advanced Experimental Psychology: Learning & Memory

Credits: 3

This course provides an overview of research and theory in learning and memory. It requires two hours of lecture/seminar and two hours of laboratory per week. Concurrent registration in PSYC 312 and PSYC 201 is encouraged.

Pre-Requisites: (PSYC_201) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

PSYC 312L Advanced Experimental Psychology: Learning & Memory Lab

Credits: 0

This course provides an overview of research and theory in learning and memory. It requires two hours of lecture/seminar and two hours of laboratory per week. Concurrent registration in PSYC 312 and PSYC 201 is encouraged.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

PSYC 317 Social Psychology

Credits: 3

Social psychology is the study of how an individual's behavior is affected by other people. Topics covered include social perception, interpersonal attraction, prejudice, altruism, power, social influence, and group interaction.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PSYC 318 Group Dynamics

Credits: 3

This course surveys factors influencing behavior in small groups. Included are topics such as leadership, social power, and group structures.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

PSYC 320 Advanced Experimental Psychology: Sensation & Perception **Credits: 3**

This course provides a survey of classical theories and current research in the areas of sensation and perception. Topics include vision, object recognition, attention, audition, taste, smell , and touch.

Pre-Requisites: (PSYC_201) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

PSYC 325 Attitudes & Persuasion **Credits: 3**

This course reviews theory and research on attitude formation, attitude change, and the relationship between attitude, beliefs, and behavior.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

PSYC 326 Behavior **Credits: 3**

This course examines the mechanisms and processes that control behavior from a number of perspectives: ecological, evolutionary, physiological and genetic.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PSYC 331 Tests & Measurements in Psychology **Credits: 3**

Empirical, methodological and theoretical aspects of psychological testing are explored. Test construction, interpretation, and use in selected applied settings is discussed.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PSYC 333 Advanced Experimental Psychology: Motivation & Emotion **Credits: 3**

This course surveys both traditional theory and current research in the areas of motivation and emotion. Topics include physiological motivation, extrinsic/intrinsic motivation, cognitive motivation, and research on the emotions.

Pre-Requisites: (PSYC_101 AND PSYC_201) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

PSYC 335 Abnormal Psychology **Credits: 3**

Causes and treatment of abnormal behavior patterns, diagnosis of such behaviors and investigation of normal and abnormal behaviors are studied.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

PSYC 337 Counseling & Psychotherapy

Credits: 3

This course provides an introduction to counseling fundamentals, definitions of a helping relationship, counseling goals and expectations, counselor role and function, theories and approaches, techniques and skill building, ethical and legal considerations, and counseling special populations.

Pre-Requisites: (PSYC_101 AND PSYC_335) OR (PSYC_101 AND PSYC_338) **Course Frequency:**
Fall: N/A Spring: All Years Summer: N/A

PSYC 338 Psychology of Personality

Credits: 3

Major theories of personality are studied.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

PSYC 339 Positive Psychology

Credits: 3

This course is intended as an introduction to the emerging field of positive psychology. The sub-field of positive psychology is focused on the experience of happiness, subjective well-being, resilience, and human flourishing. Topics will include classical philosophical models of well-being, contemporary theories and concepts, a review of current findings, and discussion of potential applications and future directions.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

PSYC 340 Developmental Psychology

Credits: 3

Developmental psychology is the study of the development of behavior across the entire life span from birth until old age.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: All Years Spring: Dept Discretion Summer: N/A*

PSYC 341 Child & Adolescent Psychology

Credits: 3

The course acquaints students with the basic theories, methods of study, and research findings on children's and adolescents' behavior and cognition. Emphasis is placed on critical thinking about claims made in this area.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: All Years Summer: Dept Discretion*

PSYC 343 Adult Development & Aging

Credits: 3

This course surveys the personality changes and life crises that occur from maturity to old age. Social and cultural factors and their interrelationships with psychological adjustment are stressed. Topics include

marriage, childrearing, empty nest, retirement, widowhood, grief and death.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

PSYC 358 Industrial/Organizational Psychology **Credits: 3**

Industrial/organizational psychology is the study of the application of psychology to business. Primary topics are in the areas of personnel psychology, organizational behavior, and the work environment.

Pre-Requisites: (PSYC_101) **Course Frequency:** *Fall: N/A Spring: N/A Summer: Dept Discretion*

PSYC 360 Cross-Cultural Psychology **Credits: 3**

This course deals with the impact of culture on human experience. Topics include similarities and differences in personality, emotion, cognition, development, mental health, and interpersonal behavior across cultures.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

PSYC 400 Advanced Applied Psychology **Credits: 3**

In this course, students will attend a seminar where such matters as ethical principles of psychologists, difficulties in translating theory into practice, and applied research will be discussed. Students will be required to spend 100 hours "in the field." This course may be repeated for credit once. Prerequisites: 12 credits in Psychology.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

PSYC 401 Extended Psychology Internship

PSYC 420 History & Systems of Psychology **Credits: 3**

This course provides an in-depth study of the major ideas in psychology and their origins, as well as key people in the history of psychology. Students trace the evolution of current psychological thought. Prerequisites: six courses in psychology.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

PSYC 480 Experimental Design

Students learn the application of complex experimental designs to behavioral research. Advanced techniques in SPSS are explored.

Pre-Requisites: (PSYC_201) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

PSYC 486 Advanced Special Topics Psychology **Credits: 1 - 4**

PSYC 494 Independent Study Psychology **Credits: 1 - 4**

PSYC 499 Extended Psychology Internship **Credits: 3 - 6**

Students register for this course when their internship requires more field hours than are credited in PSYC 400, or when they wish to explore additional areas of professional practice in psychology. Students will be

required to spend 50 hours "in the field" for each credit hour.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

PSYC XXX Psychology Electives

Any 6 credits of Psychology courses.

Credits: 6

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Humanities

Department Office: BA 221
Phone Number: 507-537-7155
Staff & Faculty: Stewart Day

Minor: Religious Studies (18 Credits)

I. Required Courses: (6 Credits)

HUMT 230	World Religions	Credits: 3
HUMT 301	Archetypes, Symbols, and the Sacred	Credits: 3

II. Choose one course from the following: (3 Credits)

PHIL 230	Philosophy of Religion	Credits: 3
PHIL 240	Philosophy East and West	Credits: 3

III. Choose two courses from the following: (6 Credits)

HIST 351	Origins of Islamic Civil	Credits: 3
HUMT 320	The Christian Heritage	Credits: 3
HUMT 330	Buddhism	Credits: 3
INDS 310	Indigenous World View	Credits: 3

IV. Choose one course from the following: (3 Credits)

HUMT 201	Origins of Western Civilization	Credits: 3
HUMT 202	European Middle Ages & Renaissance	Credits: 3
LIT 310	Greek Myth & Literature	Credits: 3
PHIL 330	History of Philosophy: Ethics	Credits: 3

OR Choose any course not already taken under Sections II and III. (3 Credits)

Total Credits: **18**

Course Descriptions

HUMT 201 Origins of Western Civilization

Credits: 3

This course introduces the study of the origins of Western Civilization. Emphasis is placed on the Greco-Roman and the Judeo-Christian traditions. The course provides a framework for discussion of some of the leading ideas of the Western inheritance as found in selected primary sources.

Goal: 06- Humanities/Fine Arts **Course Frequency:** Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion

HUMT 202 European Middle Ages & Renaissance

Credits: 3

This course introduces students to the humanities. It investigates seminal ideas of Western civilization as presented in selected primary sources from circa 100 C.E. to 1650 C.E.

Goal: 06- Humanities/Fine Arts **Course Frequency:** Fall: Dept Discretion Spring: Dept Discretion Summer: N/A

HUMT 203 Modern Western Civilization

Credits: 3

This course introduces students to the humanities. It investigates seminal ideas of Western civilization as presented in selected primary sources from circa 1500 C.E. through the Twentieth Century.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

HUMT 211 The Ancient World

Credits: 3

This course introduces students to the humanities. It follows a comparative topical approach to primary sources drawn from ancient civilizations worldwide.

Goal: 06- Humanities/Fine Arts 08- Global Perspective **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

HUMT 212 The Modern World

Credits: 3

This course introduces students to the humanities. It follows a comparative topical approach to primary sources drawn from modern civilizations worldwide.

Goal: 06- Humanities/Fine Arts 08- Global Perspective **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

HUMT 230 World Religions

Credits: 3

This course examines the historical development, the fundamental doctrines and beliefs, the practices, institutions and cultural expressions of the world's religions. The course also explores some of the essential differences and similarities which exist among these religious traditions, and points to the uniqueness of each of them. In this course we will be exploring many of the world's major religions, focusing on seven (Hinduism, Buddhism, Confucianism, Daoism, Judaism, Christianity, and Islam) that have been classified as "world religions." We will also study Native American and indigenous African religions.

Goal: 07- Human Diversity 08- Global Perspective **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

HUMT 286 Topics in Humanities

Credits: 1 - 6

A study of different topics in the humanities. See current course schedule for topic listing when offered.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

HUMT 292 Honors Credit in Humanities

Credits: 1

An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in humanities course(s).

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

HUMT 301 Archetypes, Symbols, and the Sacred

Credits: 3

This course serves as an introduction to the religious studies minor. Readings will be drawn from a wide variety of religious traditions. It will focus not so much on any particular religion as it will with common

themes of the religious narratives. Some of these themes include creation, death and regeneration, time versus immortality, the relationship between the human and the divine, and the role of symbols in religious experience. Our contention is that such themes reflect the desire of people to interpret their lives and circumstances and as such are powerful tools which we can use to understand other people and, in the end, ourselves.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

HUMT 320 The Christian Heritage

Credits: 3

This course will provide an academic examination of the Christian tradition. Readings will be drawn from a variety of sources in this tradition. Some of the themes we will discuss include the religious heritage of the early Hebrews, the rise of Messianic Judaism, the birth of Christianity, the Patristic era, the Medieval synthesis, the impact of the Reformation, and Christianity in the modern era.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

HUMT 330 Buddhism

Credits: 3

This course introduces students to the academic study of Buddhism. Students will learn the historical, textual, and doctrinal foundations of Buddhism as well as contemporary issues such as gender roles and socially engaged Buddhism. Students will explore basic Buddhist beliefs and practices, as well as their conceptual, ethical, and soteriological implications. While the course does not presuppose any prior knowledge of the intellectual heritage, history, and languages of Buddhism, it will demand a certain commitment and openness to "new" ideas.

Course Frequency: *Fall: N/A Spring: Dept Discretion Summer: N/A*

HUMT 486 Advanced Topics in Humanities

Credits: 1 - 6

A study of different topics in the Humanities. See current course schedule for topic listing when offered.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: Dept Discretion*

Social Work

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Rick Robinson, James Smalley

4-Year Mustang Academic Plan (MAP):

[Bachelor of Science: Social Work](#)

[Download MAP](#)

In 1990 the Minnesota State University Board and the Minnesota State University's Higher Education Coordinating Board approved a social work major at SMSU and the major was accredited by the Council on Social Work Education (CSWE) in 1996 (retroactive to 1992). The SMSU Social Work Program prepares students to become competent entry-level social work practitioners in a wide range of settings, with emphasis on direct service. The accredited major meets one of the requirements for social work licensure, which is required to practice social work in most settings in Minnesota. The preparation of students for generalist practice to entry-level positions is the primary function of the program. The curriculum is designed to provide students with the knowledge, values and skills necessary to practice on an entry-level with individuals, families, groups, organizations, and communities in a variety of practice settings. The curriculum of the baccalaureate social work program gives students the professional foundation necessary for advanced graduate study in social work. The field education component provides opportunities for students to consider personal and professional options regarding specialization and graduate education.

The undergraduate social work curriculum provides a professional foundation that builds on a liberal arts base and interdisciplinary coursework with an intensive core of social work classes and field practice experience. Students complete a 440-hour field practicum in a social services organization. Students integrate theoretical knowledge, values exploration, and skills development in applying a generalist model of social work practice.

Information on the social work profession, social work careers, and social work licensing in Minnesota can be found on the National Association of Social Workers Web sites at www.naswdc.org and www.socialwork.state.mn.us.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Formal Admission Process

Students apply for formal admission into the major at the beginning of their junior year. Applications are submitted during fall semester, but spring admissions do take place when student numbers warrant it. Criteria for formal admission to the social work major are available from the social work faculty, and can be found in the Social Work Student Handbook. These documents are also available on the [Social Work web page](#).

Requirements for Formal Admission to the Major

minimum cumulative GPA of 2.5
 minimum overall GPA of 2.5 in the courses required for formal admission to the major
 minimum of 31 earned semester hours of Minnesota Transfer Curriculum (MnTC)
 minimum grade of "C" (2.0) in the Liberal Education Foundation (MnTC), the Interdisciplinary Foundation, and the Professional Social Work Foundation courses
 minimum grade of "C" in ENG 151 and SPCH 110

Admission standards and processes are outlined in the Southwest Minnesota State University Social Work Program Student Handbook.

Bachelor of Science: Social Work(50 Credits)

Liberal Education Foundation (MnTC):

BIOL 100	Biology in Modern World	Credits: 3
BIOL 100L	Biology in Modern World Lab	Credits: 1
ENG 151	Academic Writing	Credits: 4
ENG 251	Writing in Professions	Credits: 3
INDS XXX	Any INDS Course	Credits: 3
PHIL 103	Ethics	Credits: 3
POL 120	American National Government	Credits: 3
PSYC 101	General Psychology I	Credits: 3
SOCI 101	Introduction to Sociology	Credits: 3

Select one of the following:

ECON 201	Principles of Microeconomics _____	Credits: 3
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ECON 202	Principles of Macroeconomics _____	Credits: 3
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I. Interdisciplinary Foundation: (13 Credits)

PSYC 200	Statistics for the Behavioral Sciences _____	Credits: 3
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PSYC 200L	Statistics for the Behavioral Sciences Lab _____	Credits: 1
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PSYC 335	Abnormal Psychology _____	Credits: 3
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PSYC 340	Developmental Psychology _____	Credits: 3
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SOCI 315	Applied Social Research _____	Credits: 3
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II. Professional Social Work Foundation: (24 Credits)

SWRK 234	Introduction to Social Work & Social Welfare _____	Credits: 3
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SWRK 330	Basic Interviewing Skills _____	Credits: 3
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SWRK 340	Human Behavior in the Social Environment _____	Credits: 3
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SWRK 342	Generalist Social Work Practice I _____	Credits: 3
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SWRK 343	Generalist Social Work Practice II _____	Credits: 3
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SWRK 344	Generalist Social Work Practice III _____	Credits: 3
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SWRK 351	Diverse and At-Risk Populations _____	Credits: 3
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SWRK 402	Social Welfare Policy _____	Credits: 3
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Notes:

* For Social Work Methods Sequence (SWRK 342, SWRK 343, and SWRK 344) admission to the major is required.

III. Field Practicum: (13 Credits)

SWRK 484	Pre-Field Practicum _____	Credits: 1
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SWRK 485	Social Work Field Seminar _____	Credits: 4
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SWRK 499	Field Practicum _____	Credits: 8
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Bachelor of Science: Social Work Notes:

Transfer students or students with an AA degree may find they have already met some of the course requirements. Please see your advisor if you have any questions.

Total Credits: **50****Minor: Social Welfare(21 Credits)**

The social welfare minor prepares students whose occupational goals may be enhanced by a social welfare background that includes an understanding of social welfare services, policies, and delivery systems. A minor in social welfare is not accepted by the Council on Social Work Education as adequate preparation for entry level professional social work practice, neither does a minor in social welfare qualify one to take social work state licensure examinations. Note: some 300 and 400 level courses may require a prerequisite.

I. Required Courses: (9 Credits)

SWRK 234	Introduction to Social Work & Social Welfare _____	Credits: 3
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SWRK 330	Basic Interviewing Skills _____	Credits: 3
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SWRK 402	Social Welfare Policy _____	Credits: 3
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II. Select two courses from each of the following groups: (12 Credits)*Group 1.*

GEOG 101	Introduction to Geography _____	Credits: 3
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GEOG 121	Introduction to Geographic Information Systems _____	Credits: 3
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HIST 363	History of Social Welfare in the U.S. _____	Credits: 3
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PSYC 360	Cross-Cultural Psychology _____	Credits: 3
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SOCI 313	Self and Society _____	Credits: 3
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Group 2:

SWRK 242	Introduction to Gerontology _____	Credits: 3
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SWRK 250	Social Services in Health Care _____	Credits: 3
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SWRK 280	Substance Abuse & Other Addictive Behaviors _____	Credits: 3
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Total Credits: **21**

Course Descriptions

SWRK 101 Social Welfare in a Changing World

Credits: 3

The evolution of social welfare concepts, policies and programs in the U.S., including cross-national comparisons on inequality and social welfare policy, and implications for the future of social welfare.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SWRK 234 Introduction to Social Work & Social Welfare

Credits: 3

This is an introductory social work course in which students will learn about the profession of social work, its fields of practice, values and ethics, policies and history of the social work profession, its interactions with contexts which shape practice, and its promotion of social and economic justice to advance human rights, alleviating critical social problems, and promoting well-being. The course will also offer knowledge and practice behaviors in engaging diversity and differences in social work practice. As an introduction to the social work profession, the course will discuss being a professional social worker and how to conduct oneself accordingly.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SWRK 242 Introduction to Gerontology

Credits: 3

This course will introduce students to the field of aging and the impact of aging upon the individual, the family, and society. The course will also cover social, cultural, political, and economic issues facing older adults.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SWRK 250 Social Services in Health Care

Credits: 3

This course focuses on how social workers in hospitals and clinics assist people in making better use of health care facilities, in preventing illness, in dealing with the impact of disability on themselves and their families, and in preserving their health. Emphasizes the necessity for effective collaboration with other health professionals in interdisciplinary health teams for optimum services.

Course Frequency: *Fall: Dept Discretion Spring: N/A Summer: N/A*

SWRK 280 Substance Abuse & Other Addictive Behaviors

Credits: 3

This course will acquaint students with issues of substance abuse and other addictive disorders. Students will examine current theories of addiction, discuss various treatment modalities, and come to understand the issues of assessment and intervention. Race, gender, and culture will be addressed throughout the course.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SWRK 286 Special Topics

Credits: 1 - 4

Specialized study in social work, such as social work with select populations or selected issues.

Pre-Requisites: (SWRK_234) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SWRK 321 Workshop

Credits: 1 - 2

Selected continuing education topics in social work.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SWRK 330 Basic Interviewing Skills

Credits: 3

This course is designed to provide students with practice in the use of a variety of interviewing techniques. The course will also allow the student to become acquainted with the professional literature of counseling and the role of ethics in social work and other helping professions.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SWRK 340 Human Behavior in the Social Environment

Credits: 3

The theoretical aspects of the systems perspective as a framework for social work practice integration of knowledge of biological, psychological, social-structural and cultural sources of behavior as they affect or are affected by human behavior understanding of behavior and environment with a review of micro-level systems and an emphasis on macro-level systems.

Pre-Requisites: (BIOL_100 AND PSYC_340 AND SOCI_101) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SWRK 342 Generalist Social Work Practice I

Credits: 3

An examination of models of generalist practice in working with individuals, families, and small groups from systems, life model, and Person-In-Environment perspectives. Reviews basic interviewing and interpersonal skills. Places emphasis on assessment of strengths and problems at various system levels, contracting, and intervention strategies. Practice evaluation, utilizing single-system designs, is examined.

Pre-Requisites: (PSYC_340 AND SWRK_340) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SWRK 343 Generalist Social Work Practice II

Credits: 3

The course will focus on family roles, family dynamics, group dynamics, group structure and process, group types, functions, roles, stages of development, styles of leadership, skills of conducting groups, techniques, problem resolution and the reality and effects of group termination. The course shall emphasize the diversity of human behavior and experience, and recognize the uniqueness of each individual client.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SWRK 344 Generalist Social Work Practice III

Credits: 3

An examination of models of generalist practice in working with task groups, organizations, and communities. Emphasis will be placed on the role of generalist social work practice with the community, including skills for organizational relationship building, for planning and development of programs, methods of promoting social change, managing political processes, and practice and program evaluation.

Pre-Requisites: ((SWRK_342 AND SWRK_343)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SWRK 350 Advanced Study in Rural Social Work

Credits: 3

Central concepts and approaches for advanced localityrelevant generalist practice.

Pre-Requisites: (SOCI_135 AND SWRK_340) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SWRK 351 Diverse and At-Risk Populations

Credits: 3

Examines quality-of-life dimensions and outcomes of diverse and at-risk populations important to human service professionals, including age, class, color, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex and sexual orientation; dimensions examined include education, employment, health, housing, justice administration, and welfare.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SWRK 352 Militarism & the US: Human Costs & Consequences

Credits: 3

Drawing on perspectives from various academic fields, an overview of recent and current U.S. militarism is presented; emphasis is on the costs and consequences of militarism for military personnel, military families, and civilian populations; personal and social healing from and alternatives to militarism will be explored.

Pre-Requisites: (PSYC_101 AND SOCI_101) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SWRK 354 Holocaust, Genocide & Human Rights

Credits: 3

A survey of sociological, psychological, historical, and other dimensions of the Holocaust and other cases of genocide and genocidal killing during the Twentieth century. The human rights movement as an attempt to prevent and resist genocide will be examined.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SWRK 402 Social Welfare Policy

Credits: 3

A critical examination of the evolution of social welfare policy in the United States and examination of the importance of social policy knowledge and skills for generalist social work practice. Students will conduct an analysis of specific social welfare policy and/or program.

Pre-Requisites: (ECON_201 AND POL_120) OR (ECON_202 AND POL_120) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SWRK 415 Field Practicum Research

Credits: 1

Social work majors take this course concurrently with SWRK 499, Field Practicum, and SWRK 485, Field Practicum Seminar. The student is expected to prepare a research proposal which describes research that will be completed in the field practicum setting under faculty supervision. This course will include data analysis, computer processing of social work research, and methods of evaluating one's own practice (e.g., single-subject research design, treatment intervention evaluation, program evaluation). Concurrent enrollment in SWRK 499, SWRK 485.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SWRK 450 Individual Study

Credits: 1 - 4

Limited to eight (8) hours, not more than four hours in a given subject area.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SWRK 460 Basic Interviewing Skills & Group Work**Credits: 3****SWRK 484 Pre-Field Practicum****Credits: 1**

Course preparation for field practicum, including applying for admission to field practicum. Students, in consultation with the field director, select field practicum placements in social service agencies under the supervision of a social worker; includes completion of a learning outcomes contract and field agency orientation; examination of the mechanics of field placement, identification, and discussion of the uses of supervision in field practicum and a review of the NASW Code of Ethics, Minnesota Data Privacy Laws, and Minnesota Board of Social Work Licensing Laws. 40 hours agency orientation.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SWRK 485 Social Work Field Seminar**Credits: 4**

Capstone, integrative seminar on topics related to social work practice, with attention to issues and problems experienced in field instruction. Concurrent enrollment in SWRK 499 required.

Pre-Requisites: (SWRK_484) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SWRK 486 Special Topics**Credits: 1 - 4**

Specialized study in social work, such as social work with select populations or selected issues.

Pre-Requisites: (SWRK_234 AND SWRK_335) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SWRK 499 Field Practicum**Credits: 8**

At least 400 hours supervised field practice in community agencies and programs as a practical application of social work knowledge and skills gained from major coursework. Emphasis on direct work with clients, whether individuals, groups, or communities; taken concurrently with SWRK 485 where students use their experiences to analyze social work theory and practice. Concurrent enrollment in SWRK 485, SWRK 415.

Pre-Requisites: (SWRK_484) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

Sociology

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Cindy Aamlid, Vicky Brockman, Erin Kline, Kerry Livingston

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Sociology](#)

[Download MAP](#)

The Sociology curriculum is designed to develop students' "sociological imagination," an ability to analyze social situations in sociological terms and thereby to become capable of better understanding themselves and the behavior of others in the context of their society. Such understanding enables students to better cope with the social forces operating to stabilize and change social conditions. Graduates with a Sociology major have entered a variety of careers, including social service, business, labor, government, and criminal justice, and some elect to pursue graduate studies. In addition, students may complete a Sociology minor.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Sociology(37 Credits)

SOCI 203	Sociology Seminar _____	Credits: 3
SOCI 313	Self and Society _____	Credits: 3
SOCI 314	Sociological Theory _____	Credits: 3
SOCI 315	Applied Social Research _____	Credits: 3
SOCI 495	Senior Capstone in Sociology _____	Credits: 3

Choose one of the following courses: (3 Credits)

SOCI 101	Introduction to Sociology _____	Credits: 3
SOCI 220	Social Problems _____	Credits: 3

Choose one statistics course: (4 Credits)

PSYC 200	Statistics for the Behavioral Sciences _____	Credits: 3
PSYC 200L	Statistics for the Behavioral Sciences Lab _____	Credits: 1
SOCI 200	Social Statistics _____	Credits: 4

Sociology Electives: (15 Credits)

SOCI 3XX	Sociology Courses numbered 300 or above. _____	Credits: 6
SOCI XXX	Sociology Electives _____	Credits: 9

Notes:

A maximum of three credits from SOCI 450 Individual Readings and a maximum of three credits of SOCI 499 Field Experience/Internship may be allowed as electives.

Total Credits: **37**

Minor: Sociology

SOCI 203	Sociology Seminar _____	Credits: 3
SOCI 313	Self and Society _____	Credits: 3
SOCI 314	Sociological Theory _____	Credits: 3
SOCI 315	Applied Social Research _____	Credits: 3
SOCI 495	Senior Capstone in Sociology _____	Credits: 3

Minor Courses: (21 Credits)

SOCI 101	Introduction to Sociology _____	Credits: 3
SOCI 314	Sociological Theory _____	Credits: 3
SOCI XXX	Sociology Electives for 15 credits _____	Credits: 15

Notes:

A maximum of three credits from SOCI 450 Individual Readings and a maximum of three credits of SOCI 499 Field Experience/Internship may be allowed as electives.

Course Descriptions

SOCI 101 Introduction to Sociology

Credits: 3

A survey of basic concepts and research areas in sociology, including sociology origins, major theoretical perspectives, research methods, culture, social structure, socialization, group processes, formal organizations, deviance and social control, stratification, racial/ethnic and gender inequality, social institutions, demography, collective behavior, and social change.

Goal: 05- Hist/Soc/Behav Sci **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SOCI 135 Rural Society

Credits: 3

Within the discipline of sociology, the study of rural society gives students the opportunity to understand and appreciate the richness and variety of rural heritage and contemporary rural life. Through understanding of concepts and developing applied research skills, students approach the phenomena of non-urban societies both in the U.S. and around the globe. The course includes consideration of regional, national, and international linkages which affect the rural United States. Focusing on such formative influences as family, religion, education, government, and economy, students learn about past and present rural problems and opportunities in areas close to the SMSU campus; then students consider similar and different realities in several other regions of the United States.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 200 Social Statistics

Credits: 4

This course surveys basic statistical techniques used in the social sciences, including frequency distributions and graphs, the normal curve, tests of significance, correlation, analysis of variance, and multiple regression. The course also covers applications of descriptive and inferential techniques to social data and interpretations of social research outcomes.

Pre-Requisites: (MATH_110) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SOCI 203 Sociology Seminar

Credits: 3

This course is designed to introduce students to the discipline of sociology and the various career options for sociology majors. This course will also provide students with practical information about the sociology program, including information about the program's curriculum and requirements of the major. Students who successfully complete this course will also understand the skills, knowledge, and experiences they need to gain entry into the job market and/or a graduate program.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 211 Marriage and the Family

Credits: 3

The origin of marriage and family in historical and comparative perspective; family diversity in contemporary society; application of theoretical perspectives to family processes; gender roles, courtship, mate selection, married relationships, parenthood, marriage termination, alternatives to marriage, and the future family.

Goal: 07- Human Diversity **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SOCI 212 Human Relations

Credits: 3

Covers concepts and ideas which enable students to recognize and identify oppression, discrimination, and

racism, along with learning techniques for building community in a pluralistic society with its great variety of cultures, value systems, and life styles. Includes study of the cultural content, world view, and concepts that comprise Minnesota-based American Indian tribal government, history, language, and culture.

Goal: 07- Human Diversity **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SOCI 220 Social Problems

Credits: 3

This course critically analyzes contemporary social problems from historical, structural, and theoretical perspectives. Problems analyzed vary, but all analyses are premised on the sociological understanding that humans are products of their social environments. Theory and research are used to demonstrate that social problems are interrelated and that society creates and perpetuates problems.

Goal: 05- Hist/Soc/Behav Sci 09- Ethical/Civic Resp **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SOCI 244 Soci of Deviant Behavior

Credits: 3

Consideration of various approaches to the study of deviant behavior; contemporary theories and methods of study; discussion of the ethical issues raised by the study of deviant behavior; the social processes whereby persons and patterns of behavior come to be identified as deviant. Topics of deviance analyzed vary, but theory and research are applied to all areas.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 270 Gender Issues

Credits: 3

This course introduces theories, research, and current issues related to the gender roles in society. Course content includes various theoretical approaches to the sociological study of gender, historical and cross-cultural comparisons, research findings, policy issues, structural influences, and current change trends.

Goal: 07- Human Diversity 08- Global Perspective **Course Frequency:** *Fall: N/A Spring: All Years Summer: All Years*

SOCI 286 Special Topics

Credits: 1 - 4

This course is designed to provide lower-division students with an opportunity to experience a special or experimental curriculum course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 313 Self and Society

Credits: 3

A sociological introduction to social psychology, including a symbolic interactionist understanding of the individual in society, the impact of social conditions and culture on personal development, freedom and control in human behavior, and the human ability to respond to and cause social change.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 314 Sociological Theory

Credits: 3

Early modern social thought and the development of sociological theory in the 19th and 20th centuries to the present. Prerequisites: SOCI 101 and one other Sociology course.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SOCI 315 Applied Social Research

Credits: 3

This introduction to social research applies social research methods to sociology, criminal justice, and social work. Includes analysis of published research along with quantitative and qualitative research methods in investigating social issues, program evaluation, practice evaluation, policy analysis, and needs assessment.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SOCI 318 Forces for Social Change

Credits: 3

Changing technology, collective behavior, reform and revolution causes and consequences of social change, creative and destructive consequences of changing social patterns the relevance of history to social process.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 324 Sociology of Sexualities

Credits: 3

This course will provide a sociological perspective on sexual identities, behaviors, and the negative societal response of homophobia. Course content focuses on the social construction of sexual identity, and the complex personal, social and political issues of sexuality. Topics on sexuality may vary, but theory and research is applied to all areas.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 331 Racial & Ethnic Relations in America

Credits: 3

Causes and consequences of prejudice, discrimination, and segregation; relationships of ethnic, racial, and religious minorities to dominant categories in the United States; remedial programs to reduce racial, ethnic, and religious tensions.

Goal: 07- Human Diversity **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SOCI 354 Holocaust, Genocide & Human Rights

Credits: 3

A survey of sociological, psychological, historical, and other dimensions of the Holocaust and other cases of genocide and genocidal killing during the 20th century. The human rights movement as an attempt to prevent and resist genocide will be examined.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 360 Sociology of Work

Credits: 3

This course familiarizes students with sociological concepts and research related to work. Issues include such topics as alienation, job satisfaction, control over the workplace, changing work conditions, employment and

wage inequalities, and conflict between work and family.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 370 Criminology

Credits: 3

Explanation and critical analysis of crime and criminal behavior. This course examines measuring crime, violent crime, crimes against property, criminal careers, terrorism, and criminological and other theories of crime. Special attention is given to what works, what doesn't, significant research, meaningful theoretical insights, restorative justice, prevention, and promising programs.

Pre-Requisites: ((SOCI_101) OR (SOCI_220)) and (Requires minimum credits: 45) **Course**

Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 410 The Culture of Consumption

Credits: 3

Consumerism has increasingly come to dominate American society. Shopping, buying, having, showing, and wearing are central aspects of who we are, who we dream of being, how we interact with each other, and how we affect the larger environment. This course will use an interdisciplinary approach to study contemporary consumer society. We will also be exploring our personal choices, as we are very much a part of this consumer society.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 415 Formal Organizations, Bureaucracies, Corporations

Credits: 3

Analysis of major types of formal organizations in contemporary complex societies. Theory and research results applicable to the understanding of factories, schools, prisons, hospitals, churches, voluntary associations, etc.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SOCI 420 Family & Intimate Partner Violence

Credits: 3

This course is an introduction to the sociological study of family and intimate partner violence (IPV). In this course, students will examine the social factors contributing to family and intimate partner violence, as well as the theoretical approaches and typologies used to understand these issues. In addition to current research looking at the risk markers of abuse, this course will also examine the consequences of and responses to family and intimate partner violence.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 435 Rural Development

Credits: 3

A critical analysis of research goals and methods currently applied to rural development; review and analysis of the future of small rural communities, the benefits and costs of rural industrialization and its full social consequences. A major content requirement is a research paper. Prerequisite: one sociology (SOCI), history (HIST), or rural studies (RURL) course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 440 Human Communities

Credits: 3

Sociological analysis of community structure, community development, and change. Focus on grass roots

movements and community organizing. Critiques of community planning will be reviewed. Consideration of applicability of community development in less developed countries to North America.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SOCI 445 Social Stratification

Credits: 3

Class stratification in pre-industrial, industrial, and post industrial societies, institutionalized inequality, sources of strain and conflict, automation and the prospects for industrial man.

Pre-Requisites: (SOCI_101) OR (SOCI_220) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

SOCI 450 Individual Readings

Credits: 1 - 3

To provide individual students with an opportunity to explore areas of special interest for academic credit.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SOCI 486 Special Topics

Credits: 1 - 4

This course is designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 495 Senior Capstone in Sociology

Credits: 3

This course is designed to provide students with a senior capstone and offer career direction. A thesis option allows students to integrate previous sociological study by designing, completing, and presenting a research project. The non-thesis option allows students to work under a carefully planned and approved program.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SOCI 499 Field Experience/Internship

Credits: 3 - 12

Research or internship in an organization or community, defined in individual learning agreements and consisting of combining sociological concepts and theory with one or more of the following: qualitative research, quantitative research, applied sociology. Prerequisites: Sociology major or minor, Justice Administration major, Anthropology minor, or Criminal Justice minor.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SOCI 510 Social Issues-Mod Soc Th

Credits: 3

Course reviews the major debates in social theory, social research, and the place of contemporary social issues in those debates. Emphasis will be on the conflict-order debate in social theory, and the interpretive-positivistic debate in research. Issues of race, gender, economic and political change, conservative tendencies and social change strategies will be interpreted in relation to the theory and research debates.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI 520 GS:Is in Sociology

Credits: 1 - 3

Each student enrolling in this course will present a formal proposal for in-depth study of an area of Sociology relevant to his or her teaching assignment. The plan for accomplishing the study will be part of the proposal. Upon completion of the study, it will be submitted for publication or for presentation at a sociology conference.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI XXX Sociology Electives

Credits: 9

Any Sociology courses.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SOCI XXX Sociology Electives for 15 credits

Credits: 15

15 credits of Sociology courses selected in consultation with an advisor in Sociology.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Special Education**Master of Science: Special Education(34 Credits)****A. Special Education Core: (22 Credits)**

SPED 530	Foundations in Mild to Moderate Disabilities	Credits: 3
SPED 540	Assessment & Educational Planning & Lab	Credits: 4
SPED 550	Curriculum Design & Implementation in Special Education	Credits: 3
SPED 560	Positive Behavior Support in Special Education	Credits: 3
SPED 570	Collaboration in Educational Settings	Credits: 3
SPED 580	Procedural Safeguards in Special Education	Credits: 3
SPED 585	Autism Spectrum Disorders:Issues & Needs	Credits: 3

B. Research Component: (7 Credits)

SPED 625	Applied Research and Assessment in Education	Credits: 3
SPED 626	Research: Project Design	Credits: 3
SPED 627	Research Project Implementation	Credits: 2

C. Portfolio (2 Credits)

SPED 600	Professional Development & Implementation	Credits: 1
SPED 610	Professional Assessment and Review	Credits: 1

D. Licensure Areas (choose at least one): (12 Credits)**Autism Spectrum Disorders License/Specialization**

SPED 670	ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 1-3	Credits: 3
SPED 680	ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 3-4	Credits: 3
SPED 686	Autism Spectrum Disorders:Assessment & Programming	Credits: 3
SPED 687	Autism Spectrum Disorders: Communication & Social Skills	Credits: 3
SPED 688	Autism Spectrum Disorders: Behavioral & Instructional Strategies	Credits: 3

Developmental Disabilities License/Specialization

SPED 621	Access and Support for Ind. with Moderate to Severe Dev. Disabilities	Credits: 3
SPED 641	Life Span Learning & Outcomes for Individuals w/ Mod to Severe Dev Disabil	Credits: 3
SPED 681	DD Practicum in SPED:Primary(K-4)/Middle Level(5-8)	Credits: 2
SPED 691	DD Practicum inSPED:Middle Level(5-8)/High School(9-12)	Credits: 2

Emotional Behavioral Disorders License/Specialization

SPED 620	Characteristics of Students with Learning & Behavior Disorders	Credits: 3
SPED 623	Characteristics of Students with Moderate to Emotional Behavior Disorders	Credits: 3
SPED 643	Behavior Management & Teaching Strategies	Credits: 3
SPED 673	EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 1-3	Credits: 3
SPED 683	EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 3-4	Credits: 3

Learning Disabilities License/Specialization

SPED 620	Characteristics of Students with Learning & Behavior Disorders	Credits: 3
SPED 624	Characteristics of Students with Moderate to Severe Learning Disabilities	Credits: 3

SPED 644	Teaching & Achievement Strategies for Learning Disabilities	Credits: 3
SPED 674	LD: Practicum in Learning Disabilities in grades K-12, Levels 1-3	Credits: 3
SPED 684	LD Practicum in SPED:Primary(K-4)/Middle Level (5-8)	Credits: 2

Master of Science: Special Education Notes:

* SPED 620: Characteristics of Students with Learning and Behavior Disorders satisfies both specialties

Practicum Note: An application must be completed prior to approval of each practicum experience. The practicum application includes a placement form, copy of your Minnesota teaching license (go to <http://education.state.mn.us> for a copy), and your vita. A copy of your mentor teacher's Minnesota teaching license is also required. Each practicum is a minimum of 120 hours of contact time. Two practicums are required. The DD, EBD, and LD practicum involve a K-6 and 7-12 placement and ECSE involve a B-3 and 3-6 year placement. For more information or forms, contact the Graduate Education Office at (507) 537-7171 or msed@SMSU.edu.

NOTE: Beginning September 1, 2010, Minnesota's testing program is called MTLE: Minnesota Teacher Licensure Examinations. As of September 1, 2010, only MTLE tests can be taken for Minnesota licensure.

Note: Passing scores from Praxis tests taken prior to September 1, 2010, will be honored until August 31, 2012.

An applicant adding a licensure field to an existing Minnesota classroom teaching license must pass:

- Test of content knowledge for the new licensure field, which consists of two subtests. For additional information, refer to the MTLE site at www.mtle.nesinc.com/

* The core classes are offered for either undergraduate or graduate credit. Education majors and SMSU have the option of an 18-credit non-licensure undergraduate minor in special education. For licensure purposes, core classes can be taken for either undergraduate or graduate credit. Graduate candidates do not retake core classes that may have been taken for undergraduate credit at SMSU or another institution. Graduate candidates who have a background in special education and/or have met some of the core competencies can complete two licensure areas to complete the required 34 graduate credits for the master's degree.

* The specialty/licensure classes, practicum, and research classes are offered for graduate credit only as part of the master's program. Please note that SMSU also offers licensure in Developmental Adaptive Physical Education (DAPE) at the undergraduate level. Information on this license may be found in the section entitled, "Wellness and Human Performance" of the online catalog available at www.smsu.edu.

* Licensure in special education without a Master's Degree is possible if the candidate:

1. Holds a Bachelor's Degree
2. Holds a valid teaching license
3. Completes the special education undergraduate core (17 credits)

Note: Other graduate elective courses may be taken to complete the Master's degree for students who have current special education licenses. Please contact [Graduate Office](#) for further information.

Total Credits: **34**

Bachelor of Science: Early Childhood Special Education(74 Credits)**A. Liberal Education Program Required Courses:**

COMM 110	Essentials of Speaking and Listening	Credits: 3
ENG 151	Academic Writing	Credits: 4
MATH 110	College Algebra	Credits: 3
SOCI 212	Human Relations	Credits: 3

B. Standards of Effective Practice Core: (32 Credits)

ECSE 462	Student Teaching in ECSE	Credits: 12
ED 101	Introduction to Education and Lab	Credits: 3
ED 102	Tech:Classroom Applications & Portfolio	Credits: 2
ED 220	ELA (English Language Arts) Methods & Assessment	Credits: 3
ED 251	Introduction to Child Growth & Development	Credits: 3
ED 318	Kindergarten Methods & Materials	Credits: 3
ED 423	Classroom Management Theories & Practices & Lab	Credits: 3
ED 443	Action Research I	Credits: 2
ED 444	Action Research II	Credits: 1

C. Special Education Core: (18 Credits)

SPED 290	Introduction to Special Needs and Lab	Credits: 3
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SPED 430	Foundations in Mild to Moderate Disabilities	Credits: 3
SPED 450	Curriculum Design & Implementation in Special Education	Credits: 3
SPED 460	Positive Behavior Support in Special Education	Credits: 3
SPED 470	Collaboration in Educational Settings	Credits: 3
SPED 480	Procedural Safeguards in Special Education	Credits: 3

D. Reading Courses: (8 Credits)

ED 302	Developmental Reading Methods/ Assessment & Lab	Credits: 3
ED 346	Children's Literature	Credits: 2
ED 402	Early Literacy and Linguistics and Lab	Credits: 3

E. Early Childhood Special Education Content Courses: (16 Credits)

ECSE 304	Professional Development & Classroom Applications in ECSE	Credits: 1
ECSE 304L	Pre-Student Teaching Experience in ECSE Practicum	Credits: 0 - 1
ECSE 422	ECSE Foundations	Credits: 3
ECSE 432	Infants, Toddlers, & Families in ECSE & Lab	Credits: 3
ECSE 441	Assessment and Curriculum in Early Childhood Special Education & Lab	Credits: 4
ECSE 442	Programming for ECSE	Credits: 3
ECSE 452	Transitions in ECSE	Credits: 2

Total Credits: **74****Bachelor of Science: Special Education(88 Credits)**

A. Liberal Education Program Required Courses:

ENG 151	Academic Writing	Credits: 4
MATH 110	College Algebra	Credits: 3
SOCI 212	Human Relations	Credits: 3

B. Standards of Effective Practice Core:

ED 101	Introduction to Education and Lab	Credits: 3
ED 102	Tech:Classroom Applications & Portfolio	Credits: 2
SPED 304	Professional Development and Classroom Applications	Credits: 1
SPED 304L	Pre-Student Teaching Experience in SPED Practicum	Credits: 0 - 1
SPED 466	Student Teaching K-12 Special Education	Credits: 12

Choose one:

ED 251	Introduction to Child Growth & Development	Credits: 3
PSYC 341	Child & Adolescent Psychology	Credits: 3

Choose one:

ED 301	The Teaching & Learning Process & Lab	Credits: 3
ED 301L	The Teaching & Learning Process Lab	Credits: 0
ED 423	Classroom Management Theories & Practices & Lab	Credits: 3

C. Elementary Education Core: (20 Credits)

ED 220	ELA (English Language Arts) Methods & Assessment	Credits: 3
ED 344	Elementary Social Sciences Methods and Lab	Credits: 3
ED 346	Children's Literature	Credits: 2
ED 361	Mathematics Methods/Assessments & Lab	Credits: 3
ED 363	Science Methods and Assessment & Lab	Credits: 3
ED 443	Action Research I	Credits: 2
ED 444	Action Research II	Credits: 1
MATH 129	Mathematics for Elementary Education	Credits: 3

D. Special Education Courses: (31 Credits)

ED 302	Developmental Reading Methods/ Assessment & Lab	Credits: 3
ED 402	Early Literacy and Linguistics and Lab	Credits: 3
SPED 290	Introduction to Special Needs and Lab	Credits: 3
SPED 430	Foundations in Mild to Moderate Disabilities	Credits: 3
SPED 440	Assessment & Educational Planning & lab	Credits: 4
SPED 450	Curriculum Design & Implementation in Special Education	Credits: 3
SPED 460	Positive Behavior Support in Special Education	Credits: 3
SPED 470	Collaboration in Educational Settings	Credits: 3
SPED 480	Procedural Safeguards in Special Education	Credits: 3
SPED 485	Autism Spectrum Disorders:Issues & Needs	Credits: 3

Total Credits: **88****Minor: Special Education(18 Credits)**

This is a non-licensure minor that includes courses that fulfill post-baccalaureate licensure in Special Education.

A. Prerequisites: (3 Credits)

SPED 290	Introduction to Special Needs and Lab	Credits: 3
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Notes:

*SPED 400 Field Experience in Special Education may be needed for transfer students without a lab experience

B. Special Education Core: (12 Credits)

SPED 430	Foundations in Mild to Moderate Disabilities	Credits: 3
SPED 450	Curriculum Design & Implementation in Special Education	Credits: 3
SPED 460	Positive Behavior Support in Special Education	Credits: 3
SPED 470	Collaboration in Educational Settings	Credits: 3

C. Elective Courses: (6 Credits)

ED 331	Infants and Toddlers	Credits: 3
HOSP 120	Food Sanitation and Safety	Credits: 1
PE 210	Methods of Adapted Physical Education & Lab	Credits: 3
PE 481	Adapted Physical Education Application	Credits: 3
PHIL 103	Ethics	Credits: 3
SPED 440	Assessment & Educational Planning & lab	Credits: 4
SPED 480	Procedural Safeguards in Special Education	Credits: 3
SPED 485	Autism Spectrum Disorders:Issues & Needs	Credits: 3

Notes:

Notes:

1. PE 210 and PE 481 may be used for the DAPE Licensure.
2. SPED 460 OR SPED 470 may be used for the DAPE Licensure.
3. All courses with a SPED prefix can later be used toward the SPED-ABS degree/licensure.

Minor: Special Education Notes:

NOTE: Teacher licensure requirements given in this catalog are subject to change without notice to accommodate the requirements of licensure and accrediting agencies. These changes may be applied to students currently enrolled in the program. Students seeking a teaching license must complete a program approved by the Minnesota Board of Teaching; the University will then recommend that an appropriate license be issued. Students interested in Teacher Education should ask for the most up-to-date information on teaching licensure requirements in the Education Department Office.

Total Credits: **18****Course Descriptions**

ECSE 304 Professional Development & Classroom Applications in ECSE Credits: 1

This required course will help the teacher education student begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussions and activities related to preparing for the teaching profession. Concurrent enrollment in ECSE 304 and ECSE 441 is required. Admission to the Teacher Education Program is required.

Pre-Requisites: ((ECSE_422 AND ECSE_432 AND ECSE_442) OR (SPED_422 AND SPED_432 AND SPED_442)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ECSE 304L Pre-Student Teaching Experience in ECSE Practicum **Credits: 0 - 1**

This lab will allow teacher candidates a 10-day classroom experience in preparation for student teaching with the implementation of the edTPA - Teacher Performance Assessment.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

ECSE 422 ECSE Foundations **Credits: 3**

Foundations in the field of early childhood special education. This includes history, philosophical perspectives, characteristics, policy, and collaboration.

Pre-Requisites: (ED_251 AND SPED_290) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ECSE 432 Infants, Toddlers, & Families in ECSE & Lab **Credits: 3**

Current research and recommended practices for early intervention will guide the study of methods, materials, and transitions employed in natural environments with typically and atypically developing infants and toddlers, birth through 35 months. The key role of the family is integrated into the course and includes working with families in the IFSP/IEP development process. This course involves a 15-hour field experience.

Pre-Requisites: (ED_251 AND SPED_290 AND ECSE_422) **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

ECSE 441 Assessment and Curriculum in Early Childhood Special Education & Lab **Credits: 4**

This course is designed to provide individuals seeking the early childhood special educator license with an opportunity to integrate and reflect on theory and practice related to the evaluation, planning, and supporting preschoolers (ages birth through 6) with diverse abilities. Specifically, individuals will have opportunities to learn various assessment strategies and tools, practice implementing a comprehensive evaluation, develop an Individualized Education Plan (IEP), and design individual, small and large group activities to meet a child's IEP goals in an inclusive early childhood setting. This course includes 30-hours field experience in an integrated public school Early Childhood Special Education setting ages birth through age 6.

Pre-Requisites: (ED_251 AND SPED_290 AND ECSE_422) and (Requires minimum credits: 60) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

ECSE 442 Programming for ECSE **Credits: 3**

A study of current research and evidence-based practices for instructional, medical, and social needs of infants, toddlers, preschoolers, and primary students, ages birth through 6, and their families.

Pre-Requisites: (ED_251 AND SPED_290 AND ECSE_422) **Course Frequency:** *Fall: N/A Spring: N/A Summer: All Years*

ECSE 452 Transitions in ECSE

Credits: 2

This course will prepare the candidate for assessment, the educational process, and transitions for young children with special needs. Topics include collaboration with families to determine appropriate individualized planning and placements of young children birth through age 6.

Pre-Requisites: ((ECSE_422 AND ECSE_432 AND ECSE_442)) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

ECSE 462 Student Teaching in ECSE

Credits: 12

A supervised student teaching experience providing an opportunity to relate theory to practice in a home- and center-based educational setting for infants/toddlers/preschoolers birth through age 6.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

ECSE 467 Advanced Student Teaching in Early Childhood Special Education

Credits: 1 - 12

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. Additional weeks of supervised practice teaching in the area of Early Childhood Special Education in an elementary and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 200 Introduction to Special Needs Lab

Credits: 1

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. This is intended for transfer students who need an introductory field experience. This is equivalent to the SPED 290 lab, which is 15 hours.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 286 Special Topics

Credits: 1 - 4

SPED 290 Introduction to Special Needs and Lab

Credits: 3

This course provides information on the various exceptionalities and facilitates understanding of the basic special needs education services provided to children with disabilities, and includes gifted and talented. Topics include federal and state mandates, planning with parents, team approaches, teaching methodologies, and curriculum modifications and adaptations. A portfolio, reflective journal, and field experience will assist students in valuing diversity and inclusion.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 304 Professional Development and Classroom Applications

Credits: 1

This required course will help candidates in the Special Education teacher education program begin a plan for professional development. A portfolio will be an ongoing project for the course, as well as discussion and

activities related to preparing for the teaching profession. Students taking the course will complete their Pre-Student Teaching Experience in a Special Education setting.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 304L Pre-Student Teaching Experience in SPED Practicum

Credits: 0 - 1

This required lab will provide guidance to teacher candidates as they complete 10 full days of Pre-Student Teaching Experience (PSTE) and Education Teacher Performance Assessment (EdTPA) requirements. Students will be required to actively participate in a school setting by teaching lessons and engaging in day-to-day functions of the classroom. Additionally students will complete Tasks 1, 2, and 3 of EdTPA.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 305 Action Research for Special Education with PSTE Lab Credits: 3

Teacher candidates will develop skills in interpreting and analyzing research. They will design an action research project that addresses an issue or problem within either their own or another teacher's classroom. Candidates will anecdotally explicate the issue, create a problem statement, form a research question, search and synthesize relevant literature related to the issue and potential solution, create an appropriate instructional plan, implement the plan in collaboration with a mentor teacher, collect and analyze data (progress monitoring), and detail results by relating implications to effective practice and for future consideration. A final presentation of artifacts and data will be made to education faculty and peers. This is a Writing-Intensive course. This course requires a mentored and clinically-rich, pre-student teaching experience of 50 hours.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 400 Field Experience in Special Education

Credits: 0 - 2

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 430 Foundations in Mild to Moderate Disabilities

Credits: 3

This course provides the characteristics and educational programming for mild to moderate disabilities, including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism spectrum disorders, traumatic brain injuries, and other health disorders.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 440 Assessment & Educational Planning & lab

Credits: 4

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special

education.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 450 Curriculum Design & Implementation in Special Education **Credits: 3**

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: N/A Spring: All Years Summer: N/A*

SPED 460 Positive Behavior Support in Special Education **Credits: 3**

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 461 Behavior Management and Social Skills Instruction **Credits: 3**

Behavior Management and Social Skills Instruction, provides an examination of theories and methodology of classroom management and the psychosocial development of children and adolescents, especially those at high risk. Emphasis is on the elements of effective planning that prevent management problems, encourage intrinsic motivation to learn, and foster social competence of all children in the inclusive classroom. Techniques of direct observation and functional behavior assessment will be presented. Direct observations and models will be applied. Students will receive in-depth exposure to and practice with research validated instructional practices appropriate for children with behavior disorders, social skills deficits, and those at risk for failure. Requires 15 hours of Field Lab.

Pre-Requisites: ((SPED_290)) **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 466 Student Teaching K-12 Special Education **Credits: 12**

Supervised semester long field experience, required for K-12 Special Education licensure fields, in kindergarten - Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at a final conference. Admission to Teacher Education program required.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 467 Advanced Student Teaching in Special Education **Credits: 1 - 12**

This course is intended for students who are not yet licensed but who are completing the requirements for a second or third, etc., licensure field. Additional weeks of supervised practice teaching in the area of Special

Education in an elementary and/or secondary school setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 468 Special Education Student Teaching for the PASP Program I **Credits: 6**

This is the first half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least one grade band.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 469 Special Education Student Teaching for the PASP Program II **Credits: 6**

This is the second half of a year-long student co-teaching model for the non-conventional ABS program (ABS). The requirements for the ABS special education teacher candidate are in addition to the expectations found within the SMSU Student Teaching Manual. The year of student co-teaching is one aspect that makes this innovative approach a non-conventional ABS licensure program. Each University Supervisor will review the activities with the teacher candidate and classroom mentor(s) to decide what is appropriate in specific classrooms and settings. All special education teacher candidates are expected to self-assess their own progress throughout the experience, as well as conference with their classroom mentor(s) and university supervisor(s) to monitor professional development. Satisfactory clinical experiences and related assignments complete the requirement to teach students that are classified with diverse disabilities at the mild-moderate level in at least two grade bands.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 470 Collaboration in Educational Settings **Credits: 3**

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 480 Procedural Safeguards in Special Education **Credits: 3**

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Pre-Requisites: ((SPED_290)) and junior status. **Course Frequency:** *Fall: All Years Spring: N/A Summer: N/A*

SPED 485 Autism Spectrum Disorders:Issues & Needs**Credits: 3**

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives, social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of an partnership with parents.

Pre-Requisites: ((SPED_290)) and sophomore status. **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 486 Special Topics**Credits: 1 - 4****SPED 490 Trends & Traditions in Special Education****Credits: 1**

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 494 Independent Study**Credits: 1 - 4**

This course allows students to do an in-depth, independent exploration of a topic for a better understanding in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 499 Internship**Credits: 1 - 6**

This course involves on-the-job experience. It requires discussion of experience and problems with internship advisor, as well as significant oral and written reports summarizing the learning involved in the field of Special Education.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 500 Field Experience in Special Education**Credits: 1 - 8**

This course is intended to provide a field experience in integrated special education settings and aid the student in valuing diversity and inclusion. The number of contact hours will be based on the credits taken. This is intended for transfer students who need an introductory field experience or for students taking the special education core and need a one credit companion field experience. This lab may be taken only once for no credit as an undergraduate or twice for one credit (undergraduate or graduate) in different settings.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 530 Foundations in Mild to Moderate Disabilities**Credits: 3**

This course provides the characteristics and educational programming for mild to moderate disabilities, including emotional behavior disorders, learning disabilities, developmental cognitive disabilities, autism spectrum disorders, traumatic brain injuries, and other health disorders.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 540 Assessment & Educational Planning & Lab**Credits: 4**

This course provides strategies for planning assessment, concepts of measurement, interpretation of assessment results, and their use in making programming decisions for individual students in special

education.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 550 Curriculum Design & Implementation in Special Education **Credits: 3**

A course in the best practices and procedures in curriculum instruction techniques and performance evaluation for all exceptionalities. Application in the process of individualized programming and modification/accommodation plans in integrated educational settings, use of assistive technologies, and adaptive techniques will be covered.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 560 Positive Behavior Support in Special Education **Credits: 3**

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 570 Collaboration in Educational Settings **Credits: 3**

An understanding of the issues, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, the school, and all stakeholders in regular and special education settings. This includes professional reflection and development. The role of mental health professionals and agencies is included.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: Dept Discretion*

SPED 580 Procedural Safeguards in Special Education **Credits: 3**

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition.

Course Frequency: *Fall: All Years Spring: N/A Summer: N/A*

SPED 585 Autism Spectrum Disorders: Issues & Needs **Credits: 3**

This course provides an overview of autism spectrum disorders for individuals from birth through age 21. Identification and legal requirements, current theories and practices, medical and neurological perspectives, social/behavioral characteristics, and coexisting conditions will be studied with an understanding that educators rely on the assistance of a partnership with parents.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 586 Special Topics **Credits: 1 - 4**

This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 590 Trends & Traditions in Special Education**Credits: 1**

This course is intended to provide elective forums on topics of current importance in the field of special education as well as traditional and longstanding topics and methods in SPED.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 600 Professional Development & Implementation**Credits: 1**

Students learn how to create an electronic portfolio to reflect their professional growth and development in Special Education. The portfolio will contain artifacts and written reflection from course work and practicum experiences.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 610 Professional Assessment and Review**Credits: 1**

Students create a final electronic portfolio to reflect their professional growth and development in Special Education. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

SPED 611 DD Professional Planning and Assessment**Credits: 1**

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Developmental Delay. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 613 EBD Professional Planning and Assessment**Credits: 1**

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Emotional Behavioral Disorders. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 614 LD Professional Planning and Assessment**Credits: 1**

Students create a Live Text portfolio to reflect their professional growth and development in Special Education: Learning Disabilities. The portfolio is the accumulation of artifacts and written reflections they have collected throughout the course work taken and practicum experiences they have completed.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 620 Characteristics of Students with Learning & Behavior Disorders**Credits: 3**

This course covers the etiology and characteristics of children and youth with learning and behavior disorders. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated,

or medical conditions, and culturally or linguistically diverse students.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 621 Access and Support for Ind. with Moderate to Severe Dev. Disabilities **Credits: 3**

An examination of the best practices and procedures for meeting the developmental and learning needs of children and youth with developmental disabilities, including appropriate medical support and adaptive, augmentative, and/or assistive technologies.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 623 Characteristics of Students with Moderate to Emotional Behavior Disorders **Credits: 3**

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 624 Characteristics of Students with Moderate to Severe Learning Disabilities **Credits: 3**

This course covers the etiology and characteristics of children and youth with Moderate to Severe Learning Disabilities. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated, or medical conditions, and culturally or linguistically diverse students and the collaboration needed for student success.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 625 Applied Research and Assessment in Education **Credits: 3**

Students will learn and apply education research and assessment as a means of analyzing and improving teaching and the learning of content. Students will use their findings to enhance the scholarship of teaching and learning.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 626 Research: Project Design **Credits: 3**

Students identify an issue of interest to their professional development. The issue may include, but is not limited to, instructional, organizational, or community processes related to their practice or content area. Students develop a research project designed to improve, implement or understand the issue identified. Admission to Special Education Graduate Program is required.

Pre-Requisites: ((SPED_625)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 627 Research Project Implementation **Credits: 2**

Students implement and complete their research project

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 641 Life Span Learning & Outcomes for Individuals w/ Mod to Severe Dev Disabil **Credits: 3**

A study of the cognitive, social, motor, communication, and affective behavior and needs of children, youth, and adults with moderate to severe developmental disabilities, including transition needs and independent living, safety, leisure, and vocational programming.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 642 Programming & Assessment in Early Childhood Programming for ECSE: Birth to 6 **Credits: 3**

Current research and recommended practices for early intervention will guide the study of the methods and materials employed with infants and young children, birth through age 6.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 643 Behavior Management & Teaching Strategies **Credits: 3**

A study of the behavior of children and youth with emphasis on the diagnosis and modification of behaviors, intervention and reintegration strategies, and follow-up techniques in instructional settings.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 644 Teaching & Achievement Strategies for Learning Disabilities **Credits: 3**

A study of the theories, content, methods, and materials for delivery of instruction for students with learning disabilities and differences. Procedures to deliver individualized instruction, develop and/or modify instructional materials, and adapt to various instructional models are developed and practiced.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 670 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Levels 1-3 **Credits: 3**

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching children with autism spectrum disorders in birth through age 21 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

SPED 673 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Levels 1-3 **Credits: 3**

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching

children with emotional/behavioral disorders in grades K-12 settings across level 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

**SPED 674 LD: Practicum in Learning Disabilities in grades K-12, Credits: 3
Levels 1-3**

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children with learning disabilities in grades K-12 settings across levels 1 to 3 (mild to moderate disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: N/A Spring: N/A Summer: N/A*

**SPED 680 ASD: Practicum in Autism Spectrum Disorders Birth-Age 21, Credits: 3
Levels 3-4**

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the ASD standards through a variety of early and ongoing clinical experiences in teaching children with autism spectrum disorders in birth through age 21 settings across levels 3 to 4 3 (moderate to severe disability levels). Students must be enrolled in or have successfully completed one of the following courses: SPED 686, SPED 687, or SPED 688

Pre-Requisites: ((SPED_686 OR SPED_687 OR SPED_688)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

SPED 681 DD Practicum in SPED:Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Primary (K-4)/Middle Level(5-8) educational setting.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 682 ECSE Practicum in Special Education: Birth - 3 years Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a home-based and center-based educational setting for infants/toddlers/preschool through age three.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

**SPED 683 EBD: Practicum in Emotional/Behavioral Disorders in grades K-12, Credits: 3
Levels 3-4**

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching

children with emotional/behavioral disorders in grades K-12 settings across levels 3 to 4 (moderate to severe disability levels).

Pre-Requisites: ((SPED_620)) **Course Frequency:** *Fall: All Years Spring: All Years Summer: All Years*

SPED 683 EBD Practicum in SPED: Primary(K-4)/Middle Level(5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the EBD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 684 LD Practicum in SPED:Primary(K-4)/Middle Level (5-8) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Primary (K-grade 4) and Middle School (grades 5-8) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 686 Autism Spectrum Disorders:Assessment & Programming Credits: 3

This course covers assessment, eligibility criterion, programming, and transition plans for individuals with ASD. Generalization of skills to natural environments is included.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

SPED 687 Autism Spectrum Disorders: Communication & Social Skills Credits: 3

This course covers the communication needs and supports for individuals with ASD and their relationship to social skill development. The impact of cultural and linguistic diversity is included.

Course Frequency: *Fall: N/A Spring: N/A Summer: All Years*

SPED 688 Autism Spectrum Disorders: Behavioral & Instructional Strategies Credits: 3

This course covers factors that affect behavior in individuals with ASD. This includes research-based methods, proactive strategies, and positive behavioral supports. Includes a field experience.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

SPED 691 DD Practicum inSPED:Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected Middle Level(5-8)/High School (9-12) educational setting or adult individual, including

transition programs

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 692 ECSE Practicum in Special Education:4 years to 1st grade Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a center-based educational setting for preschoolers, kindergarteners, & 1st graders.

Course Frequency: *Fall: All Years Spring: All Years Summer: All Years*

SPED 694 LD Practicum in SPED:Middle Level(5-8)/High School(9-12) Credits: 2

A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the LD standards through a variety of early and ongoing clinical experiences in teaching children and youth with emotional and behavioral disorders in Middle Level (grades 5-8) and High School (9-12) school settings across a range of service delivery models

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

Theatre Arts

Department Office: FA 207
Phone Number: 507-537-7103
Staff & Faculty: Mike Lenz, Nadine Schmidt, Sheila Tabaka

4-Year Mustang Academic Plan (MAP):

[Bachelor of Arts: Theatre Arts](#)

[Download MAP](#)

The primary objective of the Theatre Program is to provide a curriculum for the student interested in working in the professional theatre, teaching theatre, or studying theatre in graduate school. A major in theatre offers the student a comprehensive understanding of the Theatre Arts with the opportunity to specialize in teaching, directing, acting, designing, costuming, or playwriting. The program emphasizes student initiative, creativity, and responsible involvement. Classes are structured to provide a solid philosophical and practical approach to theatre. A grade of "C-" or better is required for major/minor coursework applied toward a degree in the Theatre Program.

The Theatre and Speech Programs also offer students various combinations for majors and minors. See the [Speech Communication section](#).

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

Bachelor of Arts: Theatre Arts(52 Credits)

Theatre Arts Core: (35 Credits)

THTR 101	Acting I	Credits: 3
THTR 140	Stagecraft I	Credits: 3
THTR 230	Script Analysis I	Credits: 3
THTR 242	Stage Make-Up I	Credits: 3
THTR 243	Costume Construction I	Credits: 3
THTR 265	Stage Management I	Credits: 3
THTR 342	Acting Styles and Techniques	Credits: 3
THTR 350	Directing I	Credits: 3
THTR 430	Senior Project	Credits: 3
THTR 435	Theatre History I	Credits: 3
THTR 440	Theatre History II	Credits: 3
THTR 495	Field Experience	Credits: 2

Choose two credits: (2 Credits)

THTR 320	The KCACTF Experience	Credits: 1 - 2
THTR 325	Master Class	Credits: 1

Theatre Activity: (6 Credits)

Notes:

No more than three credits from any one course.

THTR 301	Theatre Activity-Production	Credits: 1
THTR 302	Theatre Activity-Performance	Credits: 1
THTR 303	Theatre Activity-Run Crew	Credits: 1

Choose 9 credits (9 Credits)

THTR 244	Costume History and Design I	Credits: 3
THTR 245	Scenic Design I	Credits: 3
THTR 250	Lighting Design I	Credits: 3
THTR 280	Sound Design I	Credits: 3

Total Credits: **52**

Minor: Theatre Arts(24 Credits)

Theatre Arts Minor Core: (15 Credits)

THTR 101	Acting I	Credits: 3
THTR 140	Stagecraft I	Credits: 3

THTR 242	Stage Make-Up I	Credits: 3
THTR 243	Costume Construction I	Credits: 3
THTR 350	Directing I	Credits: 3

Theatre Activity: (3 Credits)

Notes:

Three credits total with no more than two credits from any one course.

THTR 301	Theatre Activity-Production	Credits: 1
THTR 302	Theatre Activity-Performance	Credits: 1
THTR 303	Theatre Activity-Run Crew	Credits: 1

One of the following: (3 Credits)

THTR 244	Costume History and Design I	Credits: 3
THTR 245	Scenic Design I	Credits: 3
THTR 250	Lighting Design I	Credits: 3
THTR 280	Sound Design I	Credits: 3

One of the following: (3 Credits)

THTR 435	Theatre History I	Credits: 3
THTR 440	Theatre History II	Credits: 3

Total Credits: **24****Minor: Acting/Directing(20 Credits)**

Acting/Directing Core: (15 Credits)

THTR 101	Acting I	Credits: 3
THTR 230	Script Analysis I	Credits: 3
THTR 242	Stage Make-Up I	Credits: 3
THTR 342	Acting Styles and Techniques	Credits: 3
THTR 350	Directing I	Credits: 3

Choose one: (3 Credits)

THTR 201	Acting II	Credits: 3
THTR 341	Acting for the Camera I	Credits: 3
THTR 342	Acting Styles and Techniques	Credits: 3
THTR 360	Directing II	Credits: 3

Theatre Activity: (2 Credits)

THTR 301	Theatre Activity-Production	Credits: 1
THTR 302	Theatre Activity-Performance	Credits: 1
THTR 303	Theatre Activity-Run Crew	Credits: 1

Total Credits: **20****Minor: Design/Technical Theatre(23 Credits)**

Design/Technical Theatre Core: (15 Credits)

THTR 140	Stagecraft I	Credits: 3
THTR 230	Script Analysis I	Credits: 3
THTR 242	Stage Make-Up I	Credits: 3
THTR 243	Costume Construction I	Credits: 3
THTR 265	Stage Management I	Credits: 3

Choose two courses from the following: (6 Credits)

THTR 244	Costume History and Design I	Credits: 3
THTR 245	Scenic Design I	Credits: 3
THTR 250	Lighting Design I	Credits: 3

THTR 280	Sound Design I	Credits: 3
Theatre Activity: (2 Credits)		
THTR 301	Theatre Activity-Production	Credits: 1
THTR 302	Theatre Activity-Performance	Credits: 1
THTR 303	Theatre Activity-Run Crew	Credits: 1

Total Credits: **23**

Course Descriptions

THTR 100 Theatre Appreciation

Credits: 3

This course introduces the student to basic concepts in theatre, including the collaborative work done by theatre artists and the importance of the audience.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: All Years Spring: All Years Summer: N/A*

THTR 101 Acting I

Credits: 3

This introductory acting class combines improvisation, theatre games, and monologue and scene work intended to develop the imagination, creativity, and skill level of the theatre performer. May be taken on a credit/no credit basis by non-Theatre majors/minors.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 140 Stagecraft I

Credits: 3

A course designed to acquaint the student with the basic materials and techniques used in building stage scenery.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

THTR 201 Acting II

Credits: 3

This course is a continuation of THTR 101, Acting I, and focuses on in-depth performance and analysis work to further develop the student's ability to rehearse and perform a role effectively.

Pre-Requisites: (THTR_101) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 220 Film & Television Appreciation

Credits: 3

An introduction to the historical development and techniques of film and television. The courses includes viewing and discussion of representative selections. Consult the semester schedule for the area to be studied. Course is repeatable up to 12 credits.

Goal: 06- Humanities/Fine Arts **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

THTR 225 Human Diversity in Theatre

Credits: 3

This course explores the diversity of American society through an examination of how diverse and marginalized groups create and use theatre for expression and social change. Specific focus will be given to

African American theatre, Latino theatre, Native American theatre, women in American theatre, Asian American theatre, and GLBTA theatre.

Goal: 07- Human Diversity **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

THTR 230 Script Analysis I

Credits: 3

This course introduces students to techniques directors, designers, actors, and dramaturgs use for analyzing, researching, and interpreting scripts in order to bring the script's themes, characters, and environments to life on the stage.

Course Frequency: *Fall: Even Years Spring: N/A Summer: N/A*

THTR 242 Stage Make-Up I

Credits: 3

This course will teach students the fundamental design principles and application techniques of stage make-up. Advanced make-up effects such as latex pieces, stage blood, and life masks will also be covered.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

THTR 243 Costume Construction I

Credits: 3

The object of this course is to teach the student the basic methods and materials used in creating stage costumes and accessories.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 244 Costume History and Design I

Credits: 3

This course introduces students to theatrical costume design and fashion history. Students will expand their knowledge of clothing and accessories from different historical periods and design costumes for various plays and musicals paying close attention to the details of each era.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

THTR 245 Scenic Design I

Credits: 3

The course will concentrate on the basic principles of scene design, drafting for the stage, and theatrical model-making.

Pre-Requisites: (THTR_140) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 250 Lighting Design I

Credits: 3

This course will examine the art and mechanics of designing and executing theatrical lighting.

Course Frequency: *Fall: N/A Spring: Even Years Summer: N/A*

THTR 265 Stage Management I

Credits: 3

This course will explore the roles and functions of stage managers in theatrical productions, and provide an opportunity to practice basic stage management skills, with an emphasis on organization, documentation,

dissemination of information, and running technical rehearsals and performances.

Pre-Requisites: (THTR_140) **Course Frequency:** *Fall: N/A Spring: Dept Discretion Summer: N/A*

THTR 280 Sound Design I

Credits: 3

This course will teach students the theatrical art of sound design and engineering. The course focuses on analysis of a script and creating the world of the play through sound effects and music and basic utilization of sound design techniques and equipment.

Course Frequency: *Fall: Odd Years Spring: N/A Summer: N/A*

THTR 281 Acting in the Classroom

Credits: 3

The course combines improvisation, theatre games, and scene work to stimulate the imagination and creativity of the theatre performer.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

THTR 286 Special Topics in Theatre

Credits: 1 - 4

A course designed to meet any special needs of students and faculty. Emphasis on in-depth study of an area of theatre arts not commonly covered in a general course.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

THTR 301 Theatre Activity-Production

Credits: 1

This course provides the student practical experience associated with SMSU Theatre productions, through working in the Scene Shop, Costume Shop, as a designer, or on the installation crews for lighting or sound. Course is repeatable up to 3 credits

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

THTR 302 Theatre Activity-Performance

Credits: 1

This course provides the student practical experience associated with SMSU Theatre productions, through directing or acting. Course is repeatable up to 3 credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

THTR 303 Theatre Activity-Run Crew

Credits: 1

This course provides the student practical experience associated with SMSU Theatre productions, through work as a stage manager, assistant stage manager, board operator, stagehand, dresser, hairdresser, house manager, usher, box office worker, etc. Course is repeatable up to 3 credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

THTR 310 The London Theatre Experience

Credits: 1 - 3

This course involves participation in a faculty-led Theatre study tour designed to introduce students to the history and current practice of theatre in London. Students will see productions, take backstage tours, and

participate in workshops at theatres such as the National Theatre, Shakespeare's Globe, and the Royal Shakespeare Company in Stratford, as well as visiting museums and cultural and historic sites. Prior to the trip, students will participate in several orientation sessions in order to prepare for the experience.

Course Frequency: *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 315 The New York City Experience

Credits: 1 - 3

This class is two-fold in its presentation. First, students will be required to meet regularly with the instructor to discuss their time in New York City. Attention will be given to events, choices of productions, hotels, other attractions, and requirements for the class. Second, students will be traveling to NYC with one or more faculty members. During their time in NYC students will be exposed to Broadway and Off-Broadway theatre productions as well as various cultural activities and events (museums, historic sites, and other artistic endeavors).

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

THTR 320 The KCACTF Experience

Credits: 1 - 2

Students will travel to the Kennedy Center American College Theatre Festival (KCACTF) in Region 5, held one week in January in one of the Region 5 states (MN, ND, SD, IA, NE, KS). At the festival, students will participate in workshops and competitions and attend performances, will participate in required pre-and post-festival meetings, and turn in materials documenting their experiences at the festival. This course may be taken multiple times to a maximum of ten credits.

Course Frequency: *Fall: N/A Spring: All Years Summer: N/A*

THTR 325 Master Class

Credits: 1

Students in this course will interact with and learn from a theatre professional in an intensive hands-on workshop setting, focusing on one of the major areas of theatre, such as acting, directing, design, technology, playwriting, or stage management. This course may be taken multiple times to a maximum of 10 credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

THTR 330 Script Analysis II

Credits: 3

This course is a continuation of THTR 230, Script Analysis I, and students will apply script analysis techniques to scripts in styles other than Realism, such as Absurdism, Post-Modernism, etc.

Pre-Requisites: (THTR_230) **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

THTR 340 Stagecraft II

Credits: 3

This is a continuation of THTR 140 (Stagecraft I), and further develops the student's ability to work with materials and apply advanced techniques used in building stage scenery.

Pre-Requisites: (THTR_140) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

THTR 341 Acting for the Camera I

Credits: 3

This course concentrates on vocal, improvisational, listening, and performance skills to increase students' ease, clarity, spontaneity, creativity, energy, naturalness, and concentration in on-camera performances.

Pre-Requisites: (THTR_101) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

THTR 342 Acting Styles and Techniques

Credits: 3

The study and application of advanced acting techniques, theories, and styles for the stage. Course work includes rehearsal techniques, scene and monologue work. The focus of the course varies with each offering (e.g. Modern Styles, Period Styles, Shakespeare Performance, etc.) and typically relates to one or more productions in the SMSU Theatre season. The course may be taken multiple times to a maximum of 12 credit hours.

Pre-Requisites: (THTR_101) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

THTR 343 Costume Construction II

Credits: 3

This course is a continuation of THTR 243 - Costume Construction I. Students will focus on expanding and refining their costume and millinery skills and talents. Projects will be student-driven and may contribute to theatrical productions, depending on the SMSU Theatre season.

Pre-Requisites: (THTR_243) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

THTR 344 Costume History and Design II

Credits: 3

This course is a continuation of Costume History and Design I (THTR 244). Students will work with the instructor in choosing play productions and historical eras of which they would like to study. Students will expand their knowledge of clothing and accessories from different historical periods and design costumes for various plays and musicals paying close attention to the details of each era.

Pre-Requisites: (THTR_244) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 345 Speech for the Actor

Credits: 3

Introduction to the physiology of speech with the development of specific exercises to improve articulation, breath support, projection, and quality of sound produced.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

THTR 350 Directing I

Credits: 3

An introduction in concepts in text analysis, planning skills, and rehearsal methods needed to realize the text as a theatrical experience. The student is required to apply these techniques in producing a scene to be performed as a final project.

Pre-Requisites: (THTR_101 AND THTR_140) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

THTR 351 Acting for the Camera II

Credits: 3

This course is a continuation of THTR 341, Acting for the Camera I, and further develops the student's character analysis and on-campus performance skills in additional genres and with more challenging scripts.

Pre-Requisites: (THTR_341) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

THTR 360 Directing II

Credits: 3

This course is a continuation of THTR 350 Directing I and further develops the student's directing skills through experience with additional techniques, styles, and approaches, as well as with more challenging scripts.

Pre-Requisites: (THTR_350) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

THTR 365 Stage Management II

Credits: 3

This course is a continuation of THTR 265 Stage Management I and will continue to explore the roles and functions of stage managers in theatrical productions. The course will provide an opportunity to practice advanced stage management skills, with an emphasis on organization, documentation, dissemination of information, and running technical rehearsals and performances. A key component to this advanced class is the possible opportunity to network with a professional stage manager.

Pre-Requisites: (THTR_265) **Course Frequency:** *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

THTR 420 Playwriting

Credits: 3

This course is designed to study the basic principles of playwriting, culminating in the writing of plays to be performed.

Course Frequency: *Fall: Dept Discretion Spring: Dept Discretion Summer: N/A*

THTR 430 Senior Project

Credits: 3

Working with the guidance of a faculty mentor, the student will develop, complete, and present a capstone project in his or her primary interest area (e.g. design, directing, acting, stage management, playwriting, dramaturgy, etc.).

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

THTR 435 Theatre History I

Credits: 3

This survey class begins with the origins of theatre in regard to ancient rituals and the Greeks, and traces its development up to and including the works of William Shakespeare.

Goal: 08- Global Perspective **Course Frequency:** *Fall: Even Years Spring: N/A Summer: N/A*

THTR 440 Theatre History II

Credits: 3

This course traces the development and increasing diversity of theatre practice, styles, and theories around the world from the 1600s to the present day.

Goal: 08- Global Perspective **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 442 Stage Make-Up II**Credits: 3**

This course looks at the application of advanced make-up techniques. Students will work with various prosthetic and mask making tools and create more advanced make-up designs.

Pre-Requisites: (THTR_242) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

THTR 445 Scenic Design II**Credits: 3**

This course is a continuation of THTR 245 (Scenic Design I), and further develops the student's skills in scene design by focusing on advanced design principles and techniques.

Pre-Requisites: (THTR_245) **Course Frequency:** *Fall: N/A Spring: Odd Years Summer: N/A*

THTR 450 Lighting Design II**Credits: 3**

This course is a continuation of THTR 250 (Lighting Design I), and further develops the student's skills by focusing on advanced principles and techniques in designing and executing theatrical lighting.

Pre-Requisites: (THTR_250) **Course Frequency:** *Fall: N/A Spring: Even Years Summer: N/A*

THTR 480 Sound Design II**Credits: 3**

This course is a continuation of THTR 280 Sound Design I. The course continues to teach students the theatrical art of sound design and engineering. The focuses will be on analysis of a script and on creating the world of the play through sound effects and music and basic utilization of sound design techniques and equipment.

Pre-Requisites: (THTR_280) **Course Frequency:** *Fall: Odd Years Spring: N/A Summer: N/A*

THTR 486 Theatre Topics**Credits: 1 - 4**

A course designed to meet any special needs of students and faculty. Emphasis on in-depth study of an area of theatre arts not commonly covered in a general course.

Course Frequency: *Fall: N/A Spring: N/A Summer: N/A*

THTR 494 Independent Studies**Credits: 1 - 3**

Permits the student to develop an interest under faculty guidance in an area normally not provided by the curriculum.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

THTR 495 Field Experience**Credits: 2**

Through this course, the student spends at least 30 hours observing or working in a professional, hybrid, or university theatre, for a production company, or in another approved setting, to gain a better understanding of

the theatrical working world. This course is repeatable for credit, up to 8 credits.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

THTR 499 Internship

Credits: 3 - 6

This course requires that a student obtain an off-campus internship with another college, a professional theatre group, or a touring theatre company. This course may be taken multiple times to a maximum of 12 credit hours.

Course Frequency: *Fall: All Years Spring: All Years Summer: N/A*

Women's Studies

Department Office: SC 235-236
Phone Number: 507-537-6294
Staff & Faculty: Maureen Sander

The goal of the Women's Studies minor is to enrich students' understanding of women's roles and the influence of gender in society by examining these subjects through a variety of perspectives and disciplines. The strength of the minor lies in a multidisciplinary framework that enables students to make connections and draw comparisons both within the United States and globally. Course descriptions are listed under each discipline.

Minor: Women's Studies(21 Credits)

Core Courses: (12 Credits)

HIST 360	American Women's History	Credits: 3
LIT 375	Women's Literature	Credits: 3
PSYC 250	Psychology of Women	Credits: 3
SOCI 270	Gender Issues	Credits: 3

Electives: (9 Credits)

ART 208	Artists Course	Credits: 1
JUAD 300	Women and Justice	Credits: 3
LIT 340	Sexuality and Gender in Literature	Credits: 3
MGMT 450	Diversity Management	Credits: 3
PHIL 310	The Philosophy of Sex and Gender	Credits: 3
SOCI 211	Marriage and the Family	Credits: 3
SOCI 324	Sociology of Sexualities	Credits: 3
SWRK 340	Human Behavior in the Social Environment	Credits: 3

Notes:

Additional approved courses vary each semester. See course schedule under "Women's Studies" for approved electives or contact the Women's Studies Coordinator.

Minor: Women's Studies Notes:

At least four of the seven courses must be taken at Southwest Minnesota State University.

Total Credits: **21**

Academic Calendar

2017-2018

August 2017—January 2018

August

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August 2017

- 14 Faculty Meetings and Preparation
- 15 Prof Dev/Planning & Assessment
- 16 New Student Registration
- 17 Gold Rush Days Begin (Aug 17-20)
- 18 Convocation
- 21 Classes Begin
- 25 Last Day to Add Classes
- 25 Last Day to Drop with Refund

September

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

September 2017

- 4 **Labor Day: No Classes**
- 15 Family Weekend (Sept. 15-17)
- 25 Founders Day, 50th Anniversary
- 30 Homecoming

October

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

October 2017

- 9 **Fall Break: No Classes (Oct 9-10)**
- 19 Mustang Days (Oct 19-20)
- 26 All Student Advising
(Classes Held 5:30 p.m. on)
- 27 Registration Begins

November

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November 2017

- 10 **Veteran's Day Observed: No Classes**
- 18 A Day at SMSU
- 21 Last Day to drop with a "W"
- 22 **Thanksgiving Break: No Classes (Nov 22-24)**
- 29 Undergraduate Research Conference

December

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

December 2017

- 8 New Student Registration
- 8 Last Day of Classes
- 11 Final Exams (Dec 11-14)
- 15 Grading Day
- 19 Grades Due

January

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

January 2018

- 3 Faculty Preparation
- 4 Professional Development
- 5 Registration
- 8 Classes Begin
- 12 Last Day to Add Classes
- 12 Last Day to Drop w/Refund
- 15 **MLK Day: No Classes**

Academic Calendar 2017-2018

February 2018—July 2018

February

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

February 2018

- 2 **Assessment Day: No Classes**
- 3 Hawaiian Night Open House
- 6 **Precinct Caucuses / No Classes after 6 pm**
- 9 Admitted Student Day
- 19 **Presidents' Day: No Classes**
- 23 Transfer Admitted Student Days

March

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

March 2018

- 5 **Spring Break: No Classes (Mar 5-9)**
- 22 All Student Advising
- (Classes held 5:30 pm on)
- 23 Fall 2018 Registration begins
- 24 Junior Visit Day

April

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

April 2018

- 6 Transfer Registration
- 9 New Student Advising/Registration
- 10 Last Day to drop with a "W"
- 13 New Student Advising/Registration
- 16 New Student Advising/Registration
- 20 New Student Advising/Registration
- 27 Last Day of Classes
- 30 Finals (April 30-May 3)

May

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

May 2018

- 1 Finals (Apr 30-May 3)
- 5 Commencement
- 7 Grading Days (May 7-8)
- 8 Grades Due by 5:00 p.m.
- 21 Summer Session (May 21-July 27)
- 28 **Memorial Day: No Classes**

June

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

June 2018

- 18 New Student Registration (June 18-19)

July

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

July 2018

- 4 **Independence Day: No Classes**
- 23 New Student/Transfer Registration
- 27 End of Summer Session