INTRODUCTION AND GENERAL INFORMATION • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

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 Colleges and Universities 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.

Goals

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 involve 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 American Chemical Society, the Council on Social Work Education, 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.

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 MnSCU 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 MnSCU financial statement, the most recent audit, as well as SMSU’s current budget documents are on reserve in the SMSU Library. Audit information may be viewed online at www.auditor.leg.state.mn.us. The MnSCU financial statements are available at www.budget.mnscu.edu. 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 University Relations Office at (507) 537-6255 or (800) 642-4684, ext. 6255.
ACADEMIC ORGANIZATION • 2012-2013

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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. Each academic program, major, minor or concentration is sponsored by an academic department. Each department has a department chairperson, who are teaching faculty within the department.

ACADEMIC DEPARTMENTS

Each department is a part of one of the University’s two colleges:
• the College of Arts, Letters, and Sciences, or
• the College of Business, Education, and Professional Studies.

The College of Arts, Letters, and Sciences includes the following departments:
• Art, Music, Speech Communication, and Theatre
• English
• Humanities, Philosophy, and Foreign Language
• Science
• Social Science

The College of Business, Education, and Professional Studies includes the following departments:
• Business and Public Affairs
• Education
• Mathematics and Computer Science

Academic Programs and Degrees

GRADUATE DEGREES

| Business Administration | M.B.A. |
| Education | M.S. |
| Physical Education: Coaching of Sport | M.S. |
| Special Education |

UNDERGRADUATE DEGREES

<table>
<thead>
<tr>
<th>Major Programs</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>A.S.,B.S.</td>
</tr>
<tr>
<td>Agribusiness Management</td>
<td>A.S.,B.S.</td>
</tr>
<tr>
<td>Agronomy</td>
<td>B.S.</td>
</tr>
<tr>
<td>Art Education</td>
<td>B.S.</td>
</tr>
<tr>
<td>Art</td>
<td>B.A.</td>
</tr>
<tr>
<td>Bachelors of Applied Science: Law Enforcement Administration</td>
<td>B.A.S.</td>
</tr>
<tr>
<td>Bachelors of Applied Science: Management</td>
<td>B.A.S.</td>
</tr>
<tr>
<td>Bachelors of Applied Science: Marketing</td>
<td>B.A.S.</td>
</tr>
<tr>
<td>Biology</td>
<td>B.A.</td>
</tr>
<tr>
<td>Biology Education</td>
<td>B.S.</td>
</tr>
<tr>
<td>Business Administration</td>
<td>A.S.</td>
</tr>
<tr>
<td>Chemistry</td>
<td>B.A.,B.S.</td>
</tr>
<tr>
<td>Chemistry Education</td>
<td>B.S.</td>
</tr>
<tr>
<td>Communication Arts &amp; Literature/Secondary Ed. - English Emphasis</td>
<td>B.S.</td>
</tr>
<tr>
<td>Communication Arts &amp; Literature/Secondary Ed. - Speech Emphasis</td>
<td>B.S.</td>
</tr>
<tr>
<td>Computer Science</td>
<td>B.S.</td>
</tr>
<tr>
<td>Culinology®</td>
<td>B.S.</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>B.S.</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>B.S.</td>
</tr>
</tbody>
</table>
English as a 2nd Language (ESL) K-12 B.S.
Environmental Science B.S.
Exercise Science B.S.
Finance B.S.
History B.A.
Hospitality Management B.S.
Individualized Interdisciplinary B.A.,B.S.
Justice Administration B.S.
Literature B.A.
Literature/Creative Writing B.A.
Management B.S.
Marketing A.S.,B.S.
Mathematics B.A.
Mathematics Education B.S.
Medical Laboratory Science B.S.
Music B.A.
Music Education B.S.
Philosophy 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.A.
Sociology B.A.
Spanish (Under Review) B.A.
Spanish: K-12 Teachers of World Languages and Culture (Under Review) B.S.
Speech Communication B.A.
Speech Communication: Public Relations B.A.
Speech Communication: Radio and Television B.S.
Theatre Arts B.A.

MINOR PROGRAMS

Accounting
Acting/Directing
Adapted Physical Activity
Adapted PE/DAPE
Advertising Design Communications
Agribusiness Management
Agronomy
Art/Studio Arts
Art/Graphic Design
Biology
Business Administration for Non-business majors
Coaching
Computer Science
Criminal Justice
Economics
Environmental Science
Exercise Science
Finance
French
Geology
Hispanic Studies

PRE-PROFESSIONAL PROGRAMS

- Chiropractic
- Dentistry
- Engineering
- Law
- Medicine
Advising Notes:

ACADEMIC ADVISING

Students declaring a major will be assigned an academic advisor in that program. Students entering the university without a declared major are assigned to either the Advising Center or First Year Experience teaching faculty. Post Secondary Enrollment Option (PSEO) students will receive initial advising through the Office of Admission. Provisionally admitted students will receive initial advising through the Educational Opportunity Program.

PRE-PROFESSIONAL PROGRAM ADVISING

Students wishing to specialize in certain professional areas in which Southwest Minnesota State University does not offer professional degree programs may take sufficient pre-professional work to prepare for admission into a professional program. Requirements vary significantly from institution to institution. Therefore, if you are interested in a pre-professional program, you should seek out an advisor in that program. That advisor can then discuss with you the specific details about courses and other requirements for the program and school(s) which interest you.

Southwest Minnesota State University offers pre-professional programs in the following areas (followed by the recommended program advisor):

* Pre-Chiropractic (Advisor: Biology Program)
* Pre-Dentistry (Advisor: Chemistry or Biology Program)
* Pre-Engineering (Advisor: Math or Computer Science Program)
* Pre-Law (Advisor: History, Philosophy, or Political Science Program)
* Pre-Medicine (Advisor: Biology or Chemistry Program)
* Pre-Mortuary Science (Advisor: Biology or Chemistry Program)
* Pre-Nursing (Advisor: Chemistry or Biology Program)
* Pre-Occupational Therapy (Advisor: Biology Program)
* Pre-Optometry (Advisor: Biology Program)
* Pre-Pharmacy (Advisor: Chemistry Program)
* Pre-Physical Therapy (Advisor: Biology or Exercise Science Program)
* Pre-Veterinary Medicine (Advisor: Biology Program)

Individualized Interdisciplinary Major (IIM)
The purpose of the IIM is to provide each student in good academic standing (minimum GPA=2.5) the opportunity to design and pursue a major (as part of his/her B.A. or B.S. degree requirements) which transcends existing majors. An IIM shall consist of not less than a major or a minor. 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.

Requirements for the IIM include:

1. A total of 36 credits chosen from the curricula of at least two disciplines currently offered at SMSU. The 36 credits shall not include any Internship credits and shall include no more than 3 credits of Special Topics or Independent Study courses. If more than 3 credits of Special Topics or Independent Study courses are included, the student must be in addition to the 36 credits described above.

2. The IIM shall not require more than 64 credits.

3. To develop a plan for the IIM, the student will work with an advisory committee consisting of at least one faculty member from each program forming the IIM. The plan will be summarized on the IIM form, which will list the requirements of the IIM and explain the purpose for the IIM. The IIM form may be obtained from the Academic Deans’ office or the Curriculum Committee.

4. Ordinarily, a student will complete his/her plan for an IIM in the sophomore year. However, the latest time for filing such a plan is prior to the beginning of the final semester of the student’s junior year. A student not meeting this deadline must complete the requirements for graduation by selecting and successfully completing a major other than the IIM. The student and his/her committee will select the degree appropriate for his/her IIM Plan (B.S. or B.A.)

5. Any revision of the planned IIM must be approved by each advisor and each department involved.

6. Each student with an IIM will complete a creative or scholarly project in his/her senior year. This project will be developed by the student with the aid of the advisory committee, which will evaluate the project before awarding the IIM.

7. Normally, at least half of the IIM will be in upper level courses.

8. The student must receive approval for the IIM plan from the assigned academic advisor, each member of the advisory committee, each department involved, and the appropriate academic dean. After all signatures are obtained, the student will forward a copy of the IIM plan to the Curriculum Committee and the Registrar. The Registrar will keep an approved copy of the IIM form. Before the student graduates, the Registrar will determine whether the student has satisfied all the requirements as approved on the IIM form.

Summer Session

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, early June, 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 Session list which is available online each Spring for current offerings.

Distance Learning

Southwest Minnesota State University offers programs to off-campus students through the Distance Learning programs across the state of Minnesota and beyond. Courses and programs leading to Bachelor’s degrees are available at specific locations through Interactive Television and weekend delivery. Undergraduate courses and programs are offered via Interactive Television at specific Minnesota locations. Business and Marketing programs as well as Exercise Science and Early Childhood Education programs from SMSU are available through ITV at locations across Minnesota through our partnerships with Community and Technical Colleges. These courses and programs are usually offered during the evening or on weekends to meet the needs of students who work. Courses are available online as well as via ITV.

Southwest Minnesota State University offers the Master of Business Administration degree to cohorts at off-campus sites in Minnesota. Course work is done via ITV or online.

To determine what degrees and programs are being offered and if there may be a site in your region, you may write to the Office of Distance Learning, Southwest Minnesota State University, or call (800) 642-0684, ext. 6251.

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. Undergraduate courses and programs are also available. Online programs in Business, Public Administration, and Early Childhood Education are currently offered. Undergraduate courses and programs are offered via Interactive Television at specific Minnesota locations. Business and Marketing programs as well as Exercise Science and Early Childhood Education programs from SMSU are available through ITV at locations across Minnesota through our partnerships with Community and Technical Colleges. These courses and programs are usually offered during the evening or on weekends to meet the needs of students who work. Courses are available online as well as via ITV.

To determine what degrees and programs are being offered and if there may be a site in your region, you may write to the Office of Distance Learning, Southwest Minnesota State University, or call (800) 642-0684, ext. 6251.

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.
Cooperative Programs With Other Institutions

**Common Market.** The Common Market, coordinated by the Registration and Records Office, allows the student, by prearrangement, to study for one semester at another MnSCU four-year campus or for a total of two semesters at two different MnSCU four-year universities. Credits earned in this program are considered resident credit toward graduation at SMSU.

**2+2 Program.** Cooperative baccalaureate degree programs are available through SMSU and regional two-year colleges including: Riverland Community College, Ridgewater College, Alexandria Technical College, Central Lakes College, South Central College, Minnesota State Community and Technical College, Dakota County Technical College, St. Cloud Technical College, and Southeast Technical College. Selected upper level courses, instructed by SMSU and adjunct faculty, including faculty from the local cooperating post-secondary institution, are offered on the off-campus sites. As a result, associate degree graduates can earn a bachelor’s degree (2+2). Requests for additional sites are being considered. For further information, please contact the Office of Distance Learning by calling (800) 642-0684, ext. 6251.
ACADEMIC POLICIES & PROCEDURES • 2012-2013

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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.
THE SMSU LIBERAL EDUCATION PROGRAM & MINNESOTA TRANSFER CURRICULUM (MNTC) • 2012-2013

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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.

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 151</td>
<td>Academic Writing</td>
<td>4</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 110</td>
<td>Essentials of Speaking and Listening</td>
<td>3</td>
</tr>
</tbody>
</table>

One sophomore-level or above writing course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 251</td>
<td>Writing in Professions</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 303</td>
<td>Ethical Issues in Professional Life</td>
<td>3</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDST 100</td>
<td>First Year Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 101</td>
<td>Critical Thinking</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 100</td>
<td>Biology in Modern World</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 100L</td>
<td>Biology in Modern World Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 200</td>
<td>Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 201</td>
<td>Introduction to Biodiversity &amp; Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 201L</td>
<td>Introduction to Biodiversity &amp; Evolution Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 110</td>
<td>Our Chemical World</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 110L</td>
<td>Our Chemical World Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 121</td>
<td>Basic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 121L</td>
<td>Basic Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 231</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 231L</td>
<td>General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 100</td>
<td>Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 100L</td>
<td>Earth Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 101</td>
<td>Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 101L</td>
<td>Physical Geology Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Environmental Science: Introduction</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180L</td>
<td>Environmental Science: Introduction Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 121</td>
<td>Introduction to Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 121L</td>
<td>Introduction to Astronomy Lab</td>
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</tbody>
</table>

MnTC Goal 04: Mathematical/Logical Reasoning (1 course, 3-5 credits)

One course chosen from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 101</td>
<td>Great Ideas of Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH 110</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 125</td>
<td>Trigonometry &amp; Special Functions</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>MATH 135</td>
<td>Precalculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 151</td>
<td>Calculus II</td>
<td>5</td>
</tr>
<tr>
<td>PHIL 110</td>
<td>Introduction to Logic</td>
<td>3</td>
</tr>
</tbody>
</table>

**MnTC Goal 05: History and the Social and Behavioral Sciences (2 courses, 6 credits)**

Two courses from different disciplines chosen from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 110</td>
<td>The Real World of Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 101</td>
<td>Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST 210</td>
<td>Contemporary World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 242</td>
<td>Eur Civ I: Ancient &amp; Medieval Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 243</td>
<td>Eur Civ II: Modern &amp; Contemporary Europe</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 144</td>
<td>Introduction to Justice &amp; Society</td>
<td>3</td>
</tr>
<tr>
<td>POL 120</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>POL 200</td>
<td>International Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 221</td>
<td>State Government</td>
<td>3</td>
</tr>
<tr>
<td>POL 227</td>
<td>The Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>POL 252</td>
<td>Intro Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>PSVC 101</td>
<td>General Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 220</td>
<td>Social Problems</td>
<td>3</td>
</tr>
</tbody>
</table>

**MnTC Goal 06: The Humanities and Fine Arts (2 courses, 6 credits)**

Two courses from different disciplines chosen from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 100</td>
<td>Introduction to Visual Arts</td>
<td>3</td>
</tr>
<tr>
<td>ART 102</td>
<td>Foundations of Art &amp; Design 2D</td>
<td>3</td>
</tr>
<tr>
<td>ART 103</td>
<td>Foundations of Art and Design 3D</td>
<td>3</td>
</tr>
<tr>
<td>ART 150</td>
<td>Art History I</td>
<td>3</td>
</tr>
<tr>
<td>ART 151</td>
<td>Art History II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 107</td>
<td>Introduction to Creative Writing</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 201</td>
<td>Origins of Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 202</td>
<td>European Middle Ages &amp; Renaissance</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 203</td>
<td>Modern Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 211</td>
<td>The Ancient World</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 212</td>
<td>The Modern World</td>
<td>3</td>
</tr>
<tr>
<td>LIT 100</td>
<td>Literature: Human Diversity</td>
<td>3</td>
</tr>
<tr>
<td>LIT 120</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>LIT 150</td>
<td>Literature: Global Perspective</td>
<td>3</td>
</tr>
<tr>
<td>LIT 170</td>
<td>Literature: People &amp; Environment</td>
<td>3</td>
</tr>
<tr>
<td>LIT 200</td>
<td>Literature: Rural/Regional Experience</td>
<td>3</td>
</tr>
<tr>
<td>LIT 261</td>
<td>Novel</td>
<td>3</td>
</tr>
<tr>
<td>LIT 262</td>
<td>Short Story</td>
<td>3</td>
</tr>
<tr>
<td>LIT 263</td>
<td>Poetry</td>
<td>3</td>
</tr>
<tr>
<td>LIT 264</td>
<td>World Drama</td>
<td>3</td>
</tr>
<tr>
<td>LIT 265</td>
<td>Literature and Film</td>
<td>3</td>
</tr>
<tr>
<td>MUS 100</td>
<td>Introduction to Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 101</td>
<td>Survey of World Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 102</td>
<td>American Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 104</td>
<td>Popular Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 381</td>
<td>Music History: Medieval through Baroque</td>
<td>3</td>
</tr>
<tr>
<td>MUS 382</td>
<td>Music History: Classic-20th Century</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 100</td>
<td>Philosophical Perspective</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 101</td>
<td>Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 230</td>
<td>Philosophy of Religion</td>
<td>3</td>
</tr>
<tr>
<td>THTR 100</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THTR 220</td>
<td>Film &amp; Television Appreciation</td>
<td>3</td>
</tr>
</tbody>
</table>

**MnTC Goal 07: Human Diversity (1 course, 3 credits)**

One course chosen from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 221</td>
<td>Early America: History of the U.S. from the Colonial Era to the Civil War</td>
<td>3</td>
</tr>
<tr>
<td>HIST 222</td>
<td>Modern America: History of the U.S. from 1865 to the Present</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 230</td>
<td>World Religions</td>
<td>3</td>
</tr>
<tr>
<td>IND 101</td>
<td>Intro to Indigenous Nations &amp; Dakota Studies</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>LIT 100</td>
<td>Literature: Human Diversity</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 310</td>
<td>Feminist Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 260</td>
<td>Cross-Cultural Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 211</td>
<td>Marriage and the Family</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 212</td>
<td>Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 270</td>
<td>Gender Issues</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 324</td>
<td>Sociology of Sexualities</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 331</td>
<td>Racial &amp; Ethnic Relations in America</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 230</td>
<td>Interpersonal &amp; Cross-Cultural Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

MnTC Goal 08: Global Perspective (1 course, 3-4 credits)

One course chosen from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 101</td>
<td>Beginning French I</td>
<td>4</td>
</tr>
<tr>
<td>FREN 102</td>
<td>Beginning French II</td>
<td>4</td>
</tr>
<tr>
<td>FREN 201</td>
<td>Intermediate French I</td>
<td>4</td>
</tr>
<tr>
<td>FREN 202</td>
<td>Intermediate French II</td>
<td>4</td>
</tr>
<tr>
<td>HIST 210</td>
<td>Contemporary World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 242</td>
<td>Eur Civ I: Ancient &amp; Medieval Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 243</td>
<td>Eur Civ II: Modern &amp; Contemporary Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 311</td>
<td>World in War &amp; Crisis: 1910-1945</td>
<td>3</td>
</tr>
<tr>
<td>HIST 312</td>
<td>World in War and Crisis: 1945-Today</td>
<td>3</td>
</tr>
<tr>
<td>HIST 314</td>
<td>Modern Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HIST 351</td>
<td>Origins of Islamic Civil</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 211</td>
<td>The Ancient World</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 212</td>
<td>The Modern World</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 230</td>
<td>World Religions</td>
<td>3</td>
</tr>
<tr>
<td>LIT 150</td>
<td>Literature: Global Perspective</td>
<td>3</td>
</tr>
<tr>
<td>LIT 264</td>
<td>World Drama</td>
<td>3</td>
</tr>
<tr>
<td>MUS 101</td>
<td>Survey of World Music</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 240</td>
<td>Philosophy East and West</td>
<td>3</td>
</tr>
<tr>
<td>POL 117</td>
<td>Introduction to Government &amp; Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 200</td>
<td>International Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 252</td>
<td>Intro Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 270</td>
<td>Gender Issues</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 101</td>
<td>Beginning Spanish I</td>
<td>4</td>
</tr>
<tr>
<td>SPAN 102</td>
<td>Beginning Spanish II</td>
<td>4</td>
</tr>
<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish I</td>
<td>4</td>
</tr>
<tr>
<td>SPAN 202</td>
<td>Intermediate Spanish II</td>
<td>4</td>
</tr>
<tr>
<td>THTR 435</td>
<td>Theatre History I</td>
<td>3</td>
</tr>
<tr>
<td>THTR 440</td>
<td>Theatre History II</td>
<td>3</td>
</tr>
</tbody>
</table>

MnTC Goal 09: Ethical and Civic Responsibility (1 course, 3 credits)

One course chosen from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 221</td>
<td>Early America: History of the U.S. from the Colonial Era to the Civil War</td>
<td>3</td>
</tr>
<tr>
<td>HIST 222</td>
<td>Modern America: History of the U.S. from 1865 to the Present</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 144</td>
<td>Introduction to Justice &amp; Society</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 103</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 105</td>
<td>Ethical Issues in Business</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 107</td>
<td>Environmental Ethics</td>
<td>3</td>
</tr>
<tr>
<td>POL 117</td>
<td>Introduction to Government &amp; Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 120</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>POL 221</td>
<td>State Government</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 220</td>
<td>Social Problems</td>
<td>3</td>
</tr>
</tbody>
</table>

MnTC Goal 10: People and the Environment (1 course, 3 credits)

One course chosen from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 110</td>
<td>Our Chemical World</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 110L</td>
<td>Our Chemical World Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 100</td>
<td>Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 100L</td>
<td>Earth Science Lab</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Environmental Science: Introduction</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180L</td>
<td>Environmental Science: Introduction Lab</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 101</td>
<td>Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST 310</td>
<td>Environmental History</td>
<td>3</td>
</tr>
<tr>
<td>LIT 170</td>
<td>Literature: People &amp; Environment</td>
<td>3</td>
</tr>
<tr>
<td>RURL 271</td>
<td>Environmental History</td>
<td>3</td>
</tr>
</tbody>
</table>
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 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDST 400</td>
<td>Contemporary Issues Seminar</td>
<td>3</td>
</tr>
<tr>
<td>MAJOR ---</td>
<td>Communication/Critical Thinking</td>
<td>0</td>
</tr>
<tr>
<td>MAJOR ---</td>
<td>Capstone</td>
<td>0</td>
</tr>
</tbody>
</table>
ADMISSION • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

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 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).
• 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.)*

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.

**Transferring from a Technical College**

**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 [www.SMSU.edu](http://www.SMSU.edu)

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 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.
- 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.

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.

Master of Science: Special Education
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 readmission 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 readmission for the equivalent of one academic year. Readmission applications are available at www.SMSU.edu.

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.

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.

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 • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

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:

<table>
<thead>
<tr>
<th>Date of Withdrawal Refund Allowed</th>
<th>1st through 5th business day</th>
<th>6th through 10th business day</th>
<th>11th through 15th business day</th>
<th>16th through 20th business day</th>
<th>After 20th business day</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>75%</td>
<td>50%</td>
<td>25%</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

Summer Session
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

<table>
<thead>
<tr>
<th>Date of Withdrawal</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1st through 5th business day</td>
<td>100%</td>
</tr>
<tr>
<td>6th through 10th business day</td>
<td>50%</td>
</tr>
<tr>
<td>After 10th business day</td>
<td>none</td>
</tr>
</tbody>
</table>

The 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.

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

Financial Aid

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.

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.

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

Minnesota State Scholarship and Grant-in-Aid Program
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 "50" 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.

Minnesota Achieve Scholarship
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.

Federal Stafford Student Loans
Notes:
Interested athletes should check with the appropriate coach regarding Men’s Athletic Talent Grants and Women’s Athletic Talent Grants.

Athletic Awards
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

Employment Opportunities

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.
ACCOUNTING • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office:  CH 129
Phone Number:  507-537-6223
Staff & Faculty:  Glenn Bayerkohler, David Patterson, William Thomas

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. Acquisition of both is expected to result from the following course of study:

1. 44 hours of Liberal Arts Curriculum courses;
2. 30 hours of Business Core studies;
3. 27 hours of study specific to the Accounting Major;
4. Elective courses sufficient to meet the 120 semester hour minimum for a bachelor’s degree.

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.

ACCOUNTING

Bachelor of Science: Accounting (57 Credits)

I. Related Requirements (30 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BADM 305</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 230</td>
<td>Business Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
</tbody>
</table>

A. One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ECON 470</td>
<td>International Business &amp; Economics</td>
<td>3</td>
</tr>
<tr>
<td>POL 200</td>
<td>International Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 340</td>
<td>Public Policy &amp; Administration</td>
<td>3</td>
</tr>
<tr>
<td>POL 356</td>
<td>Politics of Global Economy</td>
<td>3</td>
</tr>
</tbody>
</table>

B. One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 360</td>
<td>Scientific &amp; Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>SPC 200</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPC 303</td>
<td>Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SPC 310</td>
<td>Persuasion</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: SPC 300+ Any upper-division speech course

ENG 331 Business Communications may be taken for MGMT 331 Business Communications

C. One of the following: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADM 355</td>
<td>Business Law II</td>
<td>3</td>
</tr>
<tr>
<td>BADM 360</td>
<td>Insurance and Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>BADM 365</td>
<td>Real Estate</td>
<td>3</td>
</tr>
<tr>
<td>ECON 328</td>
<td>Money and Banking</td>
<td>3</td>
</tr>
<tr>
<td>FIN 375</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>FIN 457</td>
<td>Corporate Finance I</td>
<td>3</td>
</tr>
</tbody>
</table>
I. Accounting Core

ACCT 211 Principles of Accounting I  
ACCT 212 Principles of Accounting II  
ACCT 311 Intermediate Accounting I  
ACCT 312 Intermediate Accounting II  
ACCT 340 Cost Accounting I  
ACCT 350 Federal Tax I  

One of the following:

ECON 201 Principles of Microeconomics  
ECON 202 Principles of Macroeconomics

II. Major Courses (27 Credits)

ACCT 311 Intermediate Accounting I  
ACCT 312 Intermediate Accounting II  
ACCT 340 Cost Accounting I  
ACCT 350 Federal Tax I  
ACCT 360 Accounting Information System  
ACCT 401 Advanced Accounting  
ACCT 421 Auditing I  
ACCT 445 Senior Capstone

One course from the following accounting electives:

ACCT 330 Accounting for Government & Not-For-Profit Entities  
ACCT 341 Cost Accounting II  
ACCT 360 Microcomputers in Accounting  
ACCT 362 Auditing II  
ACCT 440 Accounting Theory & Problems  
ACCT 451 Federal Tax II

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  
ACCT 212 Principles of Accounting II  
ACCT 311 Intermediate Accounting I  
ACCT 312 Intermediate Accounting II  
ACCT 340 Cost Accounting I  
ACCT 350 Federal Tax I

One of the following:

ECON 201 Principles of Microeconomics  
ECON 202 Principles of Macroeconomics

One of the following:

ACCT 330 Accounting for Government & Not-For-Profit Entities  
ACCT 341 Cost Accounting II  
ACCT 360 Accounting Information System  
ACCT 451 Federal Tax II

Total Credits: 24

Associate of Science: Accounting (64 Credits)

I. Accounting Core:

ACCT 211 Principles of Accounting I  
ACCT 212 Principles of Accounting II  
ACCT 311 Intermediate Accounting I

Total Credits: 64
II. Required Courses in Related Fields:

<table>
<thead>
<tr>
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<tbody>
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</tr>
<tr>
<td>ACCT 350</td>
<td>Federal Tax I</td>
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</table>

BADM 305    Business Law I       Credits: 3
MGMT 300    Management Principles Credits: 3

Choose one of the following:

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Choose one course from any two of the following three groups

Group A.

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Group B.

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</tbody>
</table>

Notes: Any upper-division Speech course (300 or 400 level) for 3 credits.

Group C.

<table>
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<td>MGMT 350</td>
<td>Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 420</td>
<td>Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 454</td>
<td>Labor Relations</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 492</td>
<td>Business Policy</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes:
One course from the History area of LAC
One course in Social Science area of LAC other than Economics and History*

Notes:
Two courses from the Humanities and Fine Arts area of the LAC*

Notes:
One course (including a lab) from the Science area of the LAC*

Footnotes:
* See the Core Curriculum section of the online catalog for a listing of courses included in the Liberal Arts Curriculum.

III. Liberal Arts Curriculum (LAC):

Communication Skills

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 151</td>
<td>Academic Writing</td>
<td>4</td>
</tr>
<tr>
<td>SPCH 110</td>
<td>Essentials of Speaking and Listening</td>
<td>3</td>
</tr>
</tbody>
</table>

Mathematical/Logical Reasoning

Notes: Choose one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115</td>
<td>Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
</tbody>
</table>

Social Science

Humanities and Fine Arts

Science

IV. Transfer Curriculum Areas:

Critical Thinking **

Notes: Choose one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: ** This course may also be used to satisfy one of the requirements under “II. Required Courses in Related Fields.”
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Description</th>
<th>Pre-Requisites</th>
<th>Course Frequency</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 100</td>
<td>Accounting for Non-Business Majors</td>
<td>3</td>
<td>Introduction to the field of accounting, uses of accounting information, and fundamentals of statement analysis for non-Business majors.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
<td>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.</td>
<td>MATH 110</td>
<td>Fall: N/A</td>
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<td></td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
<td>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.</td>
<td>C- or better in ACCT 211</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 300</td>
<td>Hospitality Accounting</td>
<td>3</td>
<td>Financial management of hospitality accounting focusing on its special reports, planning, control, and budgeting.</td>
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<td></td>
<td></td>
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<tr>
<td>ACCT 301</td>
<td>Fundamentals of Excel</td>
<td>1</td>
<td>Introduction to using the Excel Spreadsheet software.</td>
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</tr>
<tr>
<td>ACCT 310</td>
<td>Managerial Accounting</td>
<td>3</td>
<td>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.</td>
<td>C- or better in ACCT 212 and BADM 380 and ECON 201 or C- or better in ACCT 212 and BADM 380 and ECON 202</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 311</td>
<td>Intermediate Accounting I</td>
<td>3</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 312</td>
<td>Intermediate Accounting II</td>
<td>3</td>
<td>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.</td>
<td>C- or better in ACCT 311 and ECON 201 and ECON 202</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 313</td>
<td>Intermediate Accounting III</td>
<td>3</td>
<td>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.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>ACCT 330</td>
<td>Accounting for Government &amp; Not-For-Profit Entities</td>
<td>3</td>
<td></td>
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</tr>
</tbody>
</table>
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: N/A 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: N/A 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 BADM 380 or ACCT 340 and MGMT 300 Course Frequency: Fall: N/A Spring: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A  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 senior status. ACCT 340 and senior status. ACCT 350 and senior status. ACCT 421 senior status.  
**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A  Spring: N/A  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: N/A  Summer: N/A  
**ACCT 486 Special Topics in Accounting**  
Credits: 1 - 3  
**ACCT 494 Independent Study in Accounting**  
Credits: 1 - 3  
**ACCT 499 Internship in Accounting**  
Credits: 3 - 9  
This course involves on-the-job experience in the accounting field.

**Pre-Requisites:** ACCT 385  
**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A  Spring: N/A  Summer: N/A
AGRIBUSINESS MANAGEMENT • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office:  CH 129
Phone Number:  507-537-6223
Staff & Faculty:  Stephen Davis, Sangnyeol Jung, Gerald Toland

An agribusiness management major prepares students for careers in a variety of businesses involved with the agricultural and food industry. Graduates have obtained positions in agricultural lending, agronomy, agricultural sales, cooperative management, elevator management, government program administration, and grain trading.

Students majoring in agribusiness management may pursue a four-year bachelor of science degree or a two-year associate of science degree. In addition, a minor in agribusiness management is available. Scholarships are available for academically strong students majoring in agribusiness through the Cooperative Scholarship Program and other agribusiness scholarship programs. Job and internship placement has been excellent with agribusinesses in the Southwest Minnesota State University service region.

Students can select an emphasis in one of the following three areas: Farm Management, Agricultural Finance, and Agricultural Marketing and Procurement. By completing an agribusiness management degree with emphasis in one of these areas, a student can develop the necessary skills for positions ranging from farming/ranching to agribusiness management.

A major strength of the Southwest Minnesota State University agribusiness major is a required business curriculum core. This business core enables students to obtain minors or majors in other business disciplines with a minimum of additional credits. Students are encouraged to obtain minors in other areas such as accounting, business administration, economics, marketing, foreign languages, and computer science. Students considering a graduate degree, such as an M.S. or Ph.D. in agribusiness management or agricultural economics, should talk to an advisor about these plans as soon as possible while enrolled at Southwest Minnesota State University.

Students intending to major in agribusiness management must meet certain requirements before being accepted into the major program. Transfer students must eliminate all deficiencies within two semesters of entry into the Agribusiness Management Program. A GPA of 2.35 in all major courses is required to graduate. No more than three credits of AGBU 499 Internship can be used as agribusiness management elective credits.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

AGRIBUSINESS MANAGEMENT

Bachelor of Science: Agribusiness Management (55 Credits)

I. Agribusiness Management Core (24 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 210</td>
<td>Intro to Cooperatives</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 350</td>
<td>Agricultural Law &amp; Environment</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 360</td>
<td>Agricultural Finance</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 365</td>
<td>Farm and Ranch Management I</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 440</td>
<td>Agricultural Marketing</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 475</td>
<td>Agricultural and Food Policy</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

One of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 400</td>
<td>International Agricultural Development</td>
</tr>
<tr>
<td>ECON 390</td>
<td>Economic Development</td>
</tr>
</tbody>
</table>

II. Business Core (15 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 230</td>
<td>Business Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 221</td>
<td>Computer Concepts and Applications</td>
<td>3</td>
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</tbody>
</table>

III. Science Core (6-7 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 301</td>
<td>Basic Soil Science</td>
<td>3</td>
</tr>
</tbody>
</table>

One of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRO 132</td>
<td>Principles &amp; Practices of Crop Production</td>
<td>4</td>
</tr>
<tr>
<td>AGRO 212</td>
<td>Grain &amp; Forage Crop Management</td>
<td>3</td>
</tr>
</tbody>
</table>

IV. Agribusiness Management Concentrations (9 Credits)

Select one of the following two concentrations:

A. Farm Management and Marketing

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 330</td>
<td>Commodity Futures &amp; Options Trading</td>
<td>3</td>
</tr>
</tbody>
</table>
ECON 470  International Business & Economics ................................................. 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: 3
ENG 331  Business Communications ................................................................ Credits: 3
MGMT 300  Management Principles .................................................................. 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: 3
BADM 360  Insurance and Risk Management ................................................... Credits: 3
ECON 470  International Business & Economics ............................................. Credits: 3
ENG 331  Business Communications ................................................................ Credits: 3
FIN 365  Personal Financial Planning .................................................................. Credits: 3
FIN 375  Investments .......................................................................................... Credits: 3

Total Credits: 55

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 (15 Credits)
AGBU 210  Intro to Cooperatives ........................................................................ Credits: 3
AGBU 330  Commodity Futures & Options Trading ........................................... Credits: 3
AGBU 365  Farm and Ranch Management I ....................................................... Credits: 3
AGBU 440  Agricultural Marketing ..................................................................... Credits: 3

Choose one of the following Agribusiness Electives (3 Credits)
AGBU 350  Agricultural Law & Environment ..................................................... 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
SPCH 110  Essentials of Speaking and Listening .............................................. Credits: 3

MnTC Goal 2: Critical Thinking (1 course, 3 credits)
IDST 100  First Year Seminar ............................................................................. Credits: 3

MnTC Goal 3: Natural Sciences (2 courses with labs, 8 credits)
BIOL 100  Biology in Modern World .................................................................. Credits: 3
BIOL 100L  Biology in Modern World Lab ......................................................... Credits: 1
BIOL 200  Cell Biology ....................................................................................... Credits: 3
BIOL 200L  Cell Biology Lab .............................................................................. Credits: 1
CHEM 110  Our Chemical World ....................................................................... Credits: 3
CHEM 110L  Our Chemical World Lab ............................................................... Credits: 1
Notes:
See the complete MnTC Goal 6 list here.

Notes:
See the complete MnTC Goals list here.

- **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 121** Introduction to Astronomy Credits: 3
- **PHYS 121L** Introduction to Astronomy Lab Credits: 1

### 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)
**Additional MnTC Goal:**
Choose one course from MnTC Goals 3, 5, 6, 7, 8, 9, or 10 (3 Credits)

---

**Total Credits: 60**

---

### 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

**Total Credits: 18**

---

**AGBU 190 The Environment & Economics**  
**Credits: 3**  
An introductory course for studying the application of economic concepts to environmental issues. Students will be introduced to basic economic concepts used in environmental economics. After this introduction to environmental economics, students will study how economic principles can be used to analyze rural and global environmental issues.

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

**AGBU 210 Intro to Cooperatives**  
**Credits: 3**  
This course examines the unique concepts and principles of the cooperative form of business. The nature and types of cooperatives, their historical development and growth, and the economic, social, legal, financial, management and organization of cooperatives are topics introduced.

**Course Frequency:** Fall: N/A 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: 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: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 331 Financial Futures and Options Trading**  
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:** BADM 280 and BADM 350 or AGBU 220 and BADM 350  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 350 Agricultural Law & Environment**  
An examination of legal principles and environmental laws as applicable to agricultural enterprises ranging from family farms to agribusiness corporations and governmental regulatory agencies. Special emphasis will be on practical applications to agribusiness enterprises and government agencies.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 360 Agricultural Finance**  
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: N/A Summer: N/A  
**Credits:** 3

**AGBU 365 Farm and Ranch Management I**  
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 BADM 280 or ACCT 211 and ACCT 212 and MGMT 221  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 366 Farm and Ranch Management II**  
Computer farm management aids, risk analysis, FIN PACK, farm business organization selection, income tax management, disinvestment, and estate planning.

**Pre-Requisites:** AGBU 365 and BADM 230  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 400 International Agricultural Development**  
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: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 410 Cooperative & Agribusiness Management**  
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:** AGBU 210  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 420 International Agribusiness Management**  
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: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**AGBU 440 Agricultural Marketing**  
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: N/A Summer: N/A  
**Credits:** 3

**AGBU 475 Agricultural and Food Policy**  
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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 486 Special Topics</td>
<td>1 - 4</td>
</tr>
<tr>
<td>AGBU 494 Independent Study</td>
<td>1 - 4</td>
</tr>
<tr>
<td>AGBU 499 Internship</td>
<td>1 - 6</td>
</tr>
</tbody>
</table>

Pre-Requisites: ECON 201  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

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.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A
AGRONOMY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty:

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 2.0 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 2.0 GPA is required for the minor course.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

AGRONOMY

Bachelor of Science: Agronomy (71-74 Credits)

Pre-Agronomy Requirements (18 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121</td>
<td>Basic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 121L</td>
<td>Basic Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENG 151</td>
<td>Academic Writing</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Environmental Science: Introduction</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180L</td>
<td>Environmental Science: Introduction Lab</td>
<td>1</td>
</tr>
<tr>
<td>PHIL 107</td>
<td>Environmental Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: * Minimum of C in each course before enrolling in AGRO 132 or higher.

Choose one course: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 110</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
</tbody>
</table>

I. Core Requirements (53 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 210</td>
<td>Intro to Cooperatives</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 350</td>
<td>Agricultural Law &amp; Environment</td>
<td>3</td>
</tr>
<tr>
<td>AGRO 115</td>
<td>Professional Development in Agriculture: Orientation &amp; Career Planning</td>
<td>1</td>
</tr>
<tr>
<td>AGRO 132</td>
<td>Principles &amp; Practices of Crop Production</td>
<td>4</td>
</tr>
<tr>
<td>AGRO 315</td>
<td>Professional Development in Agriculture: Internship</td>
<td>4</td>
</tr>
<tr>
<td>AGRO 341</td>
<td>Principles of Pest Management</td>
<td>4</td>
</tr>
<tr>
<td>AGRO 390</td>
<td>Introduction to Precision Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>AGRO 415</td>
<td>Professional Development in Agriculture: Senior Seminar-Capstone</td>
<td>2</td>
</tr>
<tr>
<td>AGRO 420</td>
<td>Soil Fertility and Fertilizers</td>
<td>3</td>
</tr>
<tr>
<td>AGRO 450</td>
<td>Issues in Sustainable Agriculture</td>
<td>2</td>
</tr>
<tr>
<td>AGRO 454</td>
<td>Experimental Design in Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 200</td>
<td>Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 302</td>
<td>Botany</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 302L</td>
<td>Botany Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 122</td>
<td>Introductory Organic/Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 122L</td>
<td>Introduction to Organic/Biochemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 107</td>
<td>Introduction to ArcGIS</td>
<td>2</td>
</tr>
<tr>
<td>ENVS 301</td>
<td>Basic Soil Science</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 301L</td>
<td>Basic Soil Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>MATH 200</td>
<td>Intro to Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Agronomy Options (18-21 Credits)

A. Crop Management Option (19-20 Credits)

Required Courses: (14 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRO 212</td>
<td>Grain &amp; Forage Crop Management</td>
<td>3</td>
</tr>
<tr>
<td>AGRO 325</td>
<td>Seed Science and Grain Grading</td>
<td>4</td>
</tr>
</tbody>
</table>
AGRO 422  Principles of Weed Science  ............................................................ Credits: 4
AGRO 440  Plant Breeding  ............................................................................. Credits: 3

Choose two courses (5-6 Credits)
AGRO 332  Crop Quality, Traits, & Utilization  ............................................ Credits: 2
ENVS 303  Meteorology  .............................................................................. Credits: 3
MKTG 471  International Marketing  ............................................................... Credits: 3

B. Agroecology Option (18-21 Credits)

Required Courses (13 Credits)
AGRO 312  Agroecology  ............................................................................. Credits: 3
BIOL 311  Ecology  .................................................................................. Credits: 3
BIOL 311L  Ecology Lab  ........................................................................ Credits: 1
ENVS 352  Plant Nutrients in the Environment  ............................................. Credits: 3
ENVS 353  Soil Conservation and Land Use Management ............................. Credits: 3

Choose two courses (5-8 Credits)
AGRO 212  Grain & Forage Crop Management  ........................................... Credits: 3
AGRO 332  Crop Quality, Traits, & Utilization  ............................................ Credits: 2
AGRO 422  Principles of Weed Science  ...................................................... Credits: 4
ENVS 310  Hydrology  ................................................................................ Credits: 3
ENVS 310L  Hydrology Lab  ....................................................................... Credits: 1
ENVS 401  Wetland Ecology  ..................................................................... Credits: 3
ENVS 401L  Wetland Ecology Lab  ............................................................... Credits: 1

C. Soil Resource Management Option (18-21 Credits)

Required Courses (13 Credits)
AGRO 320  Soil Chemistry  ........................................................................ Credits: 3
ENVS 302  Geomorphology  ..................................................................... Credits: 3
ENVS 353  Soil Conservation and Land Use Management ............................. Credits: 3
ENVS 426  Soil Morphology & Genesis  ...................................................... Credits: 3
ENVS 426L  Soil Morphology & Genesis Lab  ............................................. Credits: 1

Choose two courses (5-8 Credits)
AGRO 212  Grain & Forage Crop Management  ........................................... Credits: 3
AGRO 332  Crop Quality, Traits, & Utilization  ............................................ Credits: 2
BIOL 311  Ecology  .................................................................................. Credits: 3
BIOL 311L  Ecology Lab  ........................................................................ Credits: 1
ENVS 310  Hydrology  ................................................................................ Credits: 3
ENVS 310L  Hydrology Lab  ....................................................................... Credits: 1
ENVS 352  Plant Nutrients in the Environment  ............................................. Credits: 3

Total Credits: 71-74

Minor: Agronomy (18 Credits)

I. Minor Core (15 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
AGRO 420  Soil Fertility and Fertilizers  ...................................................... Credits: 3
ENVS 301  Basic Soil Science  ................................................................... Credits: 3
ENVS 301L  Basic Soil Science Lab  ............................................................... Credits: 1

II. Electives: (3 Credits)
AGRO 3XX  Agronomy courses at the 300 level or above  ................................ Credits: 3

Minor: Agronomy Notes:
Students interested in the business aspects of agriculture, please refer to the requirements for Agribusiness minor.

Total Credits: 18
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: N/A 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: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A 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 BIOL 302 or AGRO 132 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

AGRO 332 Crop Quality, Traits, & Utilization  Credits: 2
Pre and post harvest factors affecting the quality of corps. Characteristics, uses, and processing of major food crops. Crop marketing and food safety.

Course Frequency: Fall: N/A Spring: N/A 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: N/A 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: N/A Spring: N/A Summer: N/A
AGRO 415 Professional Development in Agriculture: Senior Seminar-Capstone  Credits: 2

AGRO 420 Soil Fertility and Fertilizers  Credits: 3
This course provides students a basic understanding of plant nutrition, soil fertility, and nutrient management. Students describe the influence of soil biological, physical, and chemical properties on soil productivity and minimize environmental degradation. The laboratory portion of this course introduces students to the chemical methods used in routine soil testing and plant analyses, and to the field soil sampling techniques used for proper nutrient recommendations and management planning.

Pre-Requisites: ENVS 251 or ENVS 301  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

AGRO 422 Principles of Weed Science  Credits: 4
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. Laws and regulations governing herbicide use.

Pre-Requisites: BIOL 302 and CHEM 122  Course Frequency: Fall: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A 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: N/A Spring: N/A Summer: N/A

N/A
ANTHROPOLOGY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

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.

ANTHROPOLOGY

Minor: Anthropology (18 Credits)

I. Required Courses (6 Credits)
   ANTH 116 Cultural Anthropology ................................................................. Credits: 3

II. Anthropology Electives (12 Credits)
   ANTH --- Electives .................................................................................. Credits: 12

Notes:
These should be selected with an advisor in Anthropology. A maximum of 3 credits may be applied from ANTH 450 Individual Study, and a maximum of 3 credits may be applied from ANTH 485 Field Experience.

Total Credits: 18

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: On Demand Spring: On Demand Summer: On Demand

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: On Demand Spring: On Demand Summer: On Demand
ART • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: FA 207
Phone Number: 507-537-7103
Staff & Faculty: Patricia Brace, Robert Dorlac, John Ginocechio, Alma Hale, Patricia Hand

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. To 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.

ART

Bachelor of Arts: Art (54 Credits)

I. Foundation Requirements:

<table>
<thead>
<tr>
<th>Studio Core: (18 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 102</td>
</tr>
<tr>
<td>ART 103</td>
</tr>
<tr>
<td>ART 220</td>
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<tr>
<td>ART 221</td>
</tr>
<tr>
<td>ART 230</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Art History: (6 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 150</td>
</tr>
<tr>
<td>ART 151</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interdisciplinary: (3 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 201</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Review Courses: (1 Credit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 260</td>
</tr>
<tr>
<td>ART 360</td>
</tr>
</tbody>
</table>

II. Emphasis Courses (Choose Option 1 or Option 2):

Option 1: Studio Art (27 Credits)

<table>
<thead>
<tr>
<th>Art History Electives: (6 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 208</td>
</tr>
<tr>
<td>ART 209</td>
</tr>
<tr>
<td>ART 250</td>
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<tr>
<td>ART 251</td>
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<tr>
<td>ART 255</td>
</tr>
<tr>
<td>ART 350</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Studio Electives: (16 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 320</td>
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<tr>
<td>ART 321</td>
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<tr>
<td>ART 322</td>
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<tr>
<td>ART 325</td>
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<tr>
<td>ART 330</td>
</tr>
<tr>
<td>ART 331</td>
</tr>
</tbody>
</table>

Capstone Experience: (5 Credits)

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  Credits: 1

Option 2: Graphic Design (28 Credits)
ART 240  Concepts of Graphic Design  Credits: 3
ART 341  Typography Survey  Credits: 3
ART 343  Digital Art Photography  Credits: 4
ART 348  Graphic Design Studio  Credits: 4
ART 351  History of Graphic Design  Credits: 3
ART 499  Graphic Design Internship  
MGMT 101  Introduction to Business  Credits: 3

Capstone Experience: (5 Credits)
ART 348  Graphic Design Studio  Credits: 4
ART 461  Graphic Design Graduation Project  Credits: 1

Total Credits: 54

Bachelor of Science: Art Education (58 Credits)

I. Foundation Requirements (26 Credits)

Studio Core: (18 Credits)
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: (6 Credits)
ART 150  Art History I  Credits: 3
ART 151  Art History II  Credits: 3

Interdisciplinary: (3 Credits)
PHIL 201  Aesthetics  Credits: 3

Review Courses: (1 Credit)
ART 260  Sophomore Review  Credits: 0
ART 360  Junior Review  Credits: 1

Capstone Experience (Choose one): (1 Credit)
ART 460  Graduation Exhibition  Credits: 1
ART 461  Graphic Design Graduation Project  Credits: 1

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: (7 Credits)

Graphic Arts: (4 Credits)
ART 322  Printmaking  Credits: 4

Computer Graphics: (3 Credits)
ART 240  Concepts of Graphic Design  Credits: 3

IV. Additional Studio Emphases: (12 Credits)

Notes:
Students must complete a Primary and a Secondary Emphasis in both 2-D and 3-D. The Primary Emphasis must be at least 8 credits and the Secondary Emphasis must be at least 4 credits. (Art Studio and Graphic Design Studio courses may be repeated for additional credit to develop competency.)

Two-Dimensional (2-D) Arts:
Choose 2-D courses from the following:
ART 240  Concepts of Graphic Design  Credits: 3
ART 286  Topics in Art  Credits: 3 - 6
ART 320  Drawing  Credits: 4
ART 321  Painting  Credits: 4
ART 322  Printmaking  Credits: 4
ART 325  Fibers  Credits: 4
ART 341  Typography Survey  Credits: 3
ART 343  Digital Art Photography  Credits: 4
ART 344  Illustration  Credits: 3 - 6
### 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**
- **ENG 460** Writing and New Media  
  Credits: 4  
- **SPCH 260** Introduction to Public Relations Writing  
  Credits: 3

**II. Marketing Courses**
- **MKTG 331** Professional Selling  
  Credits: 3  
- **MKTG 381** Advertising Management  
  Credits: 3

**III. Graphic Design Courses**
- **ART 341** Typography Survey  
  Credits: 3  
- **ART 348** Graphic Design Studio  
  Notes: ART 348: Graphic Design Studio requires a minimum of 2 registrations for a total of 6 credits  
  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

**Art History: (3 Credits)**
- **ART 351** History of Graphic Design  
  Credits: 3

**Graphic Design Courses: (12 Credits)**
- **ART 240** Concepts of Graphic Design  
  Credits: 3  
- **ART 341** Typography Survey  
  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*

**Studio Courses: (Choose one) (4 Credits)**
- **ART 320** Drawing  
  Credits: 4  
- **ART 343** Digital Art Photography  
  Credits: 4

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

Art History: (6 Credits)
ART 150 Art History I ........................................................................................................... Credits: 3
ART 151 Art History II .......................................................................................................... Credits: 3

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
ART 321 Painting ................................................................................................................... Credits: 4
ART 322 Printmaking ............................................................................................................. Credits: 4
ART 325 Fibers ..................................................................................................................... Credits: 4
ART 330 Sculpture ................................................................................................................. Credits: 4
ART 331 Ceramics ................................................................................................................. Credits: 4

Total Credits: 21

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.

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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: N/A Spring: N/A 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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: N/A 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.

Goals: Humanities/Fine Arts (06), Humanities/Fine Arts (06) Course Frequency: Fall: N/A Spring: N/A 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 or ART 100 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.

Goals: Humanities/Fine Arts (06), Humanities/Fine Arts (06) Course Frequency: Fall: N/A 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.

Goals: Humanities/Fine Arts (06)  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ART 208 Artists: Short 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: N/A Summer: N/A

**ART 209 Artists Short Course**  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: N/A 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 102 or ART 100 or ART 101  **Course Frequency:** Fall: N/A Spring: N/A 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 102 or ART 100 or ART 101  **Course Frequency:** Fall: N/A Spring: N/A 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 102 or ART 100 or ART 101  **Course Frequency:** Fall: N/A Spring: N/A 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 100 or ART 101  **Course Frequency:** Fall: N/A Spring: N/A 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 or ART 240  **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ART 250 Ancient Art History**  Credits: 3
A study of the major art works of the ancient world. Topics will include art of the prehistoric, Greek, and Roman periods.

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

**ART 251 Medieval Art History**  Credits: 3
A study of the Middle Ages in art, including early Christian, Byzantine, Romanesque, and Gothic periods.

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

**ART 255 American Art History**
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: N/A Summer: N/A

**ART 260 Sophomore Review**
A formal faculty review of student progress.

**Pre-Requisites:** ART 100 or ART 101 or ART 102 or ART 103 or ART 100

**ART 270 Art Education/Elementary**
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.

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

**ART 286 Topics in Art**
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 or ART 100

**ART 292 Honors Credit in Art**
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 or ART 100

**Permissions:** Instructor's permission required

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

**ART 320 Drawing**
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 220 or ART 100 or ART 102 or ART 101 or ART 100

**ART 321 Painting**
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 221 or ART 100 or ART 102 or ART 101 or ART 100

**ART 322 Printmaking**
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 or ART 100

**ART 325 Fibers**
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 supplements students' drawing skills by emphasizing the human form as a subject matter. Emphasis will be on artistic anatomy and drawing from observation, as well as individual expression of artistic form and style. Note: Life study drawing includes use of nude models.

**Pre-Requisites:** ART 220 or ART 320 or ART 320  
**Course Frequency:** Fall: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A 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 100 or ART 102 or ART 101 or ART 103  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ART 341 Typography Survey**  
**Credits:** 3  
Intended as an introduction to typography, this course studies the fundamentals and development of typographic forms. Beginning with the development of alphabets, calligraphy, illuminated manuscripts, and moving through early mechanical font development, print typesetting methods, and finally, examining modern fonts and digital font handling. Students will learn font classification and examine developments of individual typographers. A series of practical assignments will familiarize students with font construction, using type for effect, matching typography to content, and font design. Also discussed are issues of readability and the communicative flexibility of letter forms.

**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 distinctive 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 102 or ART 101 or ART 103 or ART 100  
**Course Frequency:** Fall: N/A Spring: N/A

**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 101 or ART 102 or ART 103 or ART 100 or ART 100  
**Course Frequency:** Fall: 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 101 or ART 102 or ART 103 or ART 100 or ART 100  
**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: N/A Spring: N/A 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: N/A Spring: N/A 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 101 or ART 102 or ART 103 or ART 100 or ART 100  
**Course Frequency:** Fall: N/A Spring: N/A 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 sophomore status.  
**Course Frequency:** Fall: N/A Spring: N/A 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 101 or junior status. ART 102 or junior status. ART 103 or junior status. ART 100 or junior status. ART 100 junior status.  
**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ART 399 Internship**  
Credits: 1 - 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 101 or senior status. ART 102 or senior status. ART 103 or senior status. ART 100 or senior status. ART 100 senior status.  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ART 400 Professional Practices Seminar**  
Credits: 3  
Final performance course for Art: studio emphasis majors.

**Pre-Requisites:** ART 260 and senior status. ART 360 senior status.  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
ART 461 Graphic Design Graduation Project  
Credits: 1  
Final performance course for graphic design emphasis majors.  

Pre-Requisites: ART 260 and senior status. ART 360 senior status. Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

ART 499 Graphic Design Internship  
Individually arranged internships within the broad area of design.  

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

ART 499 Graphic Design Internship  
Credits: 1  
Individually arranged internships within the broad area of design.  

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A
BIOLOGY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Sandra Craner, Elizabeth Desy, Vaughn Gehle, Tony Greenfield, Pamela Sanders

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.

BIOLOGY

Bachelor of Arts: Biology (66 Credits)

I. Required Courses in Biology: (22 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 200</td>
<td>Cell Biology</td>
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<tr>
<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
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<td>BIOL 287</td>
<td>Sophomore Biology Seminar</td>
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<td>BIOL 301</td>
<td>Zoology</td>
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<td>Botany</td>
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<td>Botany Lab</td>
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<td>BIOL 311</td>
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<td>BIOL 311L</td>
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<td>BIOL 321</td>
<td>Genetics</td>
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<td>Genetics Lab</td>
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<tr>
<td>BIOL 487</td>
<td>Junior/Senior Biology Seminar</td>
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</tbody>
</table>

II. Biology Electives: (14 Credits)

Notes: Choose a minimum of two courses with a corresponding lab.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BIOL 303</td>
<td>Microbiology</td>
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<td>BIOL 303L</td>
<td>Microbiology Lab</td>
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<td>BIOL 305</td>
<td>Human Anatomy &amp; Physiology I</td>
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<td>Human Anatomy &amp; Physiology I Lab</td>
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<td>BIOL 306</td>
<td>Human Anatomy &amp; Physiology II</td>
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<td>Human Anatomy &amp; Physiology II Lab</td>
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<td>BIOL 310</td>
<td>Natural History of Vertebrates</td>
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<td>BIOL 310L</td>
<td>Natural History of Vertebrates Lab</td>
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<td>BIOL 326</td>
<td>Behavior</td>
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<td>BIOL 330</td>
<td>Advanced Physiology</td>
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<td>BIOL 330L</td>
<td>Human Physiology Lab</td>
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<td>BIOL 333</td>
<td>Histology</td>
<td>3</td>
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<td>BIOL 337</td>
<td>Medicinal Plants</td>
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<td>BIOL 338</td>
<td>Plant Diversity</td>
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<td>Plant Diversity Lab</td>
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<td>BIOL 351</td>
<td>Diagnostic Microbiology</td>
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<td>Principles of Nutrition</td>
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<td>Evolution</td>
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<td>BIOL 421</td>
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I. Required Courses in Biology: (25 Credits)

BIOL 200  Cell Biology ........................................................................................................ Credits: 3
BIOL 200L  Cell 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: 3
BIOL 461  Immunology ...................................................................................................... Credits: 1

II. Requirements in Related Fields: (20 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  Cell Biology ...................................................................................................... Credits: 3
BIOL 200L  Cell Biology Lab ............................................................................................... Credits: 1
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<tr>
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<td>Sophomore Biology Seminar</td>
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<td>BIOL 301</td>
<td>Zoology</td>
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<td>BIOL 301L</td>
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<td>BIOL 302</td>
<td>Botany</td>
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<td>BIOL 302L</td>
<td>Botany Lab</td>
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<td>BIOL 303</td>
<td>Microbiology</td>
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**II. Requirements in Related Fields:** (23-24 Credits)

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<tr>
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<td>ENVS 101L</td>
<td>Physical Geology Lab</td>
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<tr>
<td>ENVS 102</td>
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<tr>
<td>MATH 200</td>
<td>Intro to Statistics</td>
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<tr>
<td>PHYS 100</td>
<td>Our Physical Universe</td>
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<tr>
<td>PHYS 100L</td>
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Choose to complete either Group A or Group B

**Group A. (8 Credits)**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CHEM 121</td>
<td>Basic Chemistry</td>
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<tr>
<td>CHEM 121L</td>
<td>Basic Chemistry Lab</td>
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<tr>
<td>CHEM 122</td>
<td>Introductory Organic/Biochemistry</td>
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<tr>
<td>CHEM 122L</td>
<td>Introduction to Organic/Biochemistry Lab</td>
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**Group B. (9 Credits)**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CHEM 231</td>
<td>General Chemistry I</td>
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<tr>
<td>CHEM 231L</td>
<td>General Chemistry I Lab</td>
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<td>CHEM 232</td>
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<tr>
<td>CHEM 232L</td>
<td>General Chemistry II Lab</td>
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</table>

**Bachelor of Science: Biology Education**

*NOTE: The student must fulfill the professional education requirements for licensure; see the Education Department regarding these requirements.

Total Credits: 54-55

**Minor: Biology (22 Credits)**

**Biology Core: (12 Credits)**

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BIOL 200</td>
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<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
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<tr>
<td>BIOL 301</td>
<td>Zoology</td>
<td>3</td>
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<td>BIOL 301L</td>
<td>Zoology Lab</td>
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<tr>
<td>BIOL 302</td>
<td>Botany</td>
<td>3</td>
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<tr>
<td>BIOL 302L</td>
<td>Botany Lab</td>
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</table>

**Elective Courses: (10 Credits)**

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<tbody>
<tr>
<td>BIOL 3XX</td>
<td>Biology Electives</td>
<td>10</td>
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</table>

Total Credits: 22

**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.

**Goals:** Natural Sciences (03)  
Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

**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.

**Goals:** Natural Sciences (03)  
Course Frequency: Fall: All Years Spring: All Years Summer: On Demand
BIOL 101 Contemporary Gardening  
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  
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: On Demand

BIOL 150 Physiological Anatomy for Non-science Majors  
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: Even Years Summer: N/A

BIOL 150L Physiological Anatomy for Non-science Majors Lab  
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.

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

BIOL 186 Special Topics in Biology  
A study of the chemical and cellular aspects of life, cellular reproduction, development, Mendelian inheritance, evolution, and the diversity of living organisms.

Goals: Natural Sciences (03)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

BIOL 200 Cell Biology  
A study of the chemical and cellular aspects of life, cellular reproduction, development, Mendelian inheritance, evolution, and the diversity of living organisms.

Goals: Natural Sciences (03)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

BIOL 201 Introduction to Biodiversity & Evolution  
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.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

BIOL 201L Introduction to Biodiversity & Evolution Lab  
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.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

BIOL 286 Topics in Biology  
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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A

BIOL 301 Zoology Credits: 3
Survey of the major animal phyla including discussion of taxonomy, characteristics, life history, and evolutionary relationships.

Pre-Requisites: BIOL 200 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

BIOL 301L Zoology Lab Credits: 1
Survey of the major animal phyla including discussion of taxonomy, characteristics, life history, and evolutionary relationships.

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 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.

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: On Demand

BIOL 303L Microbiology Lab Credits: 2
Functional and structural diversity of bacteria, protozoans, fungi and viruses; environmental, economic, and pathogenic significance of representative forms.

Course Frequency: Fall: All Years Spring: N/A Summer: On Demand

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.

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  
**Course Frequency:** Fall: On Demand  Spring: On Demand  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.

**Course Frequency:** Fall: On Demand  Spring: On Demand  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 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.

**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  
**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 and PSYC 101  
**Course Frequency:** Fall: On Demand  Spring: On Demand  Summer: N/A

**BIOL 330 Advanced Physiology**  
Credits: 3  
Lecture and lab exercises covering basic physiology using a systems approach.

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

**BIOL 330L Human Physiology Lab**  
Credits: 1  
Lecture and lab exercises covering basic physiology using a systems approach.

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

**BIOL 337 Medicinal Plants**  
Credits: 3  
An investigation into the types of medicines derived from plants, how they work in our bodies, and the plants in which they are found. Topics include how plant-derived drugs are developed, how to evaluate information on herbal medicines, the role of chemicals in the plants themselves, and historical uses of medicinal plants.

**Pre-Requisites:** BIOL 302  
**Course Frequency:** Fall: On Demand  Spring: On Demand  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: On Demand Spring: On Demand Summer: N/A

BIO 338L Plant Diversity Lab
A survey of the diversity of plants, their life cycles, evolutionary relationships among major groups as well as plant distribution and factors affecting distribution.

Credits: 1

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

BIO 351 Diagnostic Microbiology
A lecture-laboratory course designed to familiarize students with the major groups of pathogenic microorganisms, the diseases they produce and laboratory methods of diagnosis.

Credits: 3

Pre-Requisites: BIOL 303

Course Frequency: Fall: N/A Spring: On Demand Summer: N/A

BIO 351L Diagnostic Microbiology Lab
A lecture-laboratory course designed to familiarize students with the major groups of pathogenic microorganisms, the diseases they produce and laboratory methods of diagnosis.

Credits: 1

Course Frequency: Fall: N/A Spring: On Demand Summer: N/A

BIO 371 Food Microbiology
A lecture-laboratory course designed to study the role of micro-organisms in food spoilage, food preservation and micro-organisms as supplementary food. Standard methods of microbial analysis of foods will be studied.

Credits: 2

Pre-Requisites: BIOL 303

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

BIO 371L Food Microbiology Lab
A lecture-laboratory course designed to study the role of micro-organisms in food spoilage, food preservation and micro-organisms as supplementary food. Standard methods of microbial analysis of foods will be studied.

Credits: 2

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

BIO 377 Principles of Nutrition
Survey of the characteristics, metabolism, and absorption of essential nutrients; deficiency conditions; and the application of principles of nutrition to the requirements of normal individuals.

Credits: 3

Pre-Requisites: BIOL 200 and CHEM 121 or BIOL 200 and CHEM 231

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

BIO 401 Evolution
Introduction to the concept of evolution, origin and types of genetic variation, modes of selection, and evidence for the evolutionary process.

Credits: 3

Pre-Requisites: BIOL 321

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

BIO 421 Cell & Molecular Biology
An advanced course in genetics covering gene structure, mutation and repair, gene expression, gene regulation, and recombinant DNA technology.

Credits: 2

Pre-Requisites: BIOL 321

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

BIO 421L Cell & Molecular Biology Lab
An advanced course in genetics covering gene structure, mutation and repair, gene expression, gene regulation, and recombinant DNA technology.

Credits: 1

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

BIO 439 Plant Ecology
Interactions between plant populations and communities and their environment; community composition and structure.

Credits: 2

Pre-Requisites: BIOL 302

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

BIO 439L Plant Ecology Lab
Interactions between plant populations and communities and their environment; community composition and structure.

Credits: 1
Course Frequency: Fall: N/A Spring: N/A 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 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 303 Course Frequency: Fall: N/A Spring: On Demand 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.

Course Frequency: Fall: N/A Spring: On Demand Summer: N/A

BIOL 486 Advanced Topics in Biology Credits: 1 - 4

BIOL 487 Junior/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 287 junior status. Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

BIOL 499 Internship in Biology Credits: 1 - 15
Supervised experiences in learning situations that cannot be obtained on campus.

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand
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Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Associate in Science: Business Administration (60 Credits)

I. Business Core: (15 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
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II. Business Administration (15 Credits)

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<tr>
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<tr>
<td>BADM 305</td>
<td>Business Law I</td>
<td>3</td>
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<tr>
<td>FIN 230</td>
<td>Business Statistics I</td>
<td>3</td>
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<tr>
<td>MGMT 350</td>
<td>Human Resources</td>
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</table>

Choose two of the following Business Administration Electives: (6 Credits)

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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADM 355</td>
<td>Business Law II</td>
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<tr>
<td>BADM 360</td>
<td>Insurance and Risk Management</td>
<td>3</td>
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<tr>
<td>BADM 365</td>
<td>Real Estate</td>
<td>3</td>
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<tr>
<td>ECON 328</td>
<td>Money and Banking</td>
<td>3</td>
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<tr>
<td>ENG 331</td>
<td>Business Communications</td>
<td>3</td>
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<tr>
<td>FIN 352</td>
<td>Analyzing Financial Statements</td>
<td>3</td>
</tr>
<tr>
<td>FIN 354</td>
<td>Working Capital Management</td>
<td>3</td>
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<tr>
<td>FIN 375</td>
<td>Investments</td>
<td>3</td>
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<tr>
<td>MGMT 330</td>
<td>Organizational Behavior and Theory</td>
<td>3</td>
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<td>MGMT 332</td>
<td>Interpersonal Skills in Organizations</td>
<td>3</td>
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<tr>
<td>MGMT 450</td>
<td>Diversity Management</td>
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<tr>
<td>MKTG 331</td>
<td>Professional Selling</td>
<td>3</td>
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<td>MKTG 381</td>
<td>Advertising Management</td>
<td>3</td>
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<tr>
<td>MKTG 421</td>
<td>Business-to-Business Marketing</td>
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<tr>
<td>POL 325</td>
<td>Administrative Law and Regulation</td>
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</table>

III. Minnesota Transfer Curriculum (MnTC) for A.S. Degree (30 Credits)

MnTC Goal 1: Communication (3 courses, 10 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG 151</td>
<td>Academic Writing</td>
<td>4</td>
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<tr>
<td>ENG 251</td>
<td>Writing in Professions</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 110</td>
<td>Essentials of Speaking and Listening</td>
<td>3</td>
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MnTC Goal 2: Critical Thinking (1 course, 3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>IDST 100</td>
<td>First Year Seminar</td>
<td>3</td>
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</tbody>
</table>

MnTC Goal 3: Natural Sciences (2 courses with labs, 8 credits)

Notes:

See the complete MnTC Goal 3 list here.

MnTC Goal 4: Mathematical/Logical Reasoning (1 course, 3-5 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MATH 110</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
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</tbody>
</table>

MnTC Goal 5: History and the Social and Behavioral Sciences (Choose one, 3 credits)

<table>
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<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
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</tbody>
</table>

MnTC Goal 6: The Humanities and Fine Arts (Choose one, 3 credits)

Notes:

See the complete MnTC Goal 6 list here.

Additional MnTC Goal:

Notes:

Choose one course from MnTC Goals 3, 5, 6, 7, 8, 9, or 10. See the complete MnTC Goals list here.

Total Credits: 60
Minor: Business Administration for Non-Business Majors (24 Credits)

For majors in non-business related programs.

I. Required Courses:

<table>
<thead>
<tr>
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<tr>
<td>BADM 305</td>
<td>Business Law I</td>
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<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 221</td>
<td>Computer Concepts and Applications</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

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

BADM 305 Business Law I

Introduction to legal systems, torts, property, contracts, agency, and partnerships.

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

Credits: 3

BADM 355 Business Law II

Corporations, securities regulations, sales, commercial property and credit.

Pre-Requisites: BADM 305 or BADM 390 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

BADM 360 Insurance and Risk Management

Risk, insurance, types of carriers, types of insurance contracts, and risk management for both personal and business use.

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

Credits: 3

BADM 365 Real Estate

Property rights, financing, brokerage, property valuation, and planning.

Pre-Requisites: FIN 350 or BADM 350 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3
CHEMISTRY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office:  SM 178
Phone Number:  507-537-6178
Staff & Faculty:  Noelle Beyer, Jay Brown, John Hansen, Frank Schindler

The overall quality of the Chemistry Program has been approved through its accreditation by the American Chemical Society. The 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. Upon receiving the B.S. degree in chemistry, students are certified for immediate, full membership in the American Chemical Society.

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, physics or business administration and management.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

CHEMISTRY

Bachelor of Science: Chemistry (67-69 Credits)

I. Chemistry Core: (44 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 231</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 231L</td>
<td>General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 232</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 232L</td>
<td>General Chemistry II Lab</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 243</td>
<td>Quantitative Analytical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 333</td>
<td>Intermediate Inorganic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 344</td>
<td>Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L</td>
<td>Organic Chemistry I Lab</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 352L</td>
<td>Organic Chemistry II Lab</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 364</td>
<td>Chemical Thermodynamics and Kinetics</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 365</td>
<td>Quantum Chemistry and Spectroscopy</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 366</td>
<td>Physical/Instrumentation Laboratory</td>
<td>1 - 4</td>
</tr>
<tr>
<td>CHEM 473</td>
<td>Biochemistry</td>
<td>3</td>
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</tbody>
</table>

II. Advanced Chemistry Courses: (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 470</td>
<td>Advanced Laboratory</td>
<td>1 - 4</td>
</tr>
</tbody>
</table>

One of the following (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 437</td>
<td>Adv Inorganic Chemistry</td>
<td>3</td>
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<tr>
<td>CHEM 447</td>
<td>Advanced Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 457</td>
<td>Advanced Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 467</td>
<td>Computational Chemistry</td>
<td>3</td>
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</table>

III. Courses in Related Fields: (18-20 Credits)

Mathematics Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 151</td>
<td>Calculus II</td>
<td>5</td>
</tr>
</tbody>
</table>

Notes:

At least one additional mathematics course is recommended, especially one chosen from: MATH 252 Calculus III, MATH 345 Numerical Analysis, MATH 350 Differential Equations or MATH 360 Linear Algebra.

One of the following Physics groups:

College Physics Group

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 141</td>
<td>College Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 141L</td>
<td>College Physics I Lab</td>
<td>1</td>
</tr>
</tbody>
</table>
### Bachelor of Arts: Chemistry (45-49 Credits)

**I. Chemistry Core: (15 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
- CHEM 366 Physical/Instrumentation Laboratory ........................................ Credits: 1 - 4

**II. Chemistry Capstone: (Choose one) (1 Credits)**
- CHEM 420 Chemistry Seminar ...................................................................... Credits: 1
- CHEM 470 Advanced Laboratory .................................................................. Credits: 1 - 4

**III. Choose one Math Course: (3-5 Credits)**
- MATH 140 Calculus: A Short Course ............................................................ Credits: 3
- MATH 150 Calculus I ......................................................................................... Credits: 5

**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

**V. Electives (18 Credits)**

**Chemistry Electives (12 Credits)**
- CHEM 2XX Chemistry course with lab ....................................................... Credits: 12
- CHEM 2XX Two additional Chemistry courses with labs ................................ Credits: 8
- CHEM 2XX Chemistry course with lab ....................................................... Credits: 4
- CHEM 2XX Chemistry Courses 200 level or above .................................... Credits: 4
- CHEM 2XX Chemistry Courses 233 or above ............................................ Credits: 12

**Additional Electives (6 Credits)**
- AGRO 320 Soil Chemistry ............................................................................ Credits: 3
- AGRO 420 Soil Fertility and Fertilizers ........................................................ Credits: 3
- BIOL 321 Genetics ......................................................................................... Credits: 3
- BIOL 321L Genetics Lab ................................................................................. Credits: 1
- BIOL 377 Principles of Nutrition ................................................................. Credits: 3
- BIOL 421 Cell & Molecular Biology ........................................................... Credits: 2
- BIOL 421L Cell & Molecular Biology Lab .................................................. Credits: 1
- BIOL 461 Immunology ................................................................................... Credits: 3
- CULG 310 Food Science ............................................................................... Credits: 3
- CULG 410 Food Chemistry and Analysis .................................................... Credits: 3
- ENVS 115 Redwood River Monitoring ....................................................... Credits: 2
- ENVS 301 Basic Soil Science ......................................................................... Credits: 3
- ENVS 301L Basic Soil Science Lab ............................................................... Credits: 1
- ENVS 320 Soils and Fertility .......................................................................... Credits: 3
- ENVS 351 Environmental Toxicology ........................................................ Credits: 3
- ENVS 352 Plant Nutrients in the Environment ............................................. Credits: 3
Bachelor of Science: Chemistry Education (39-43 Credits)

I. Chemistry Requirements: (28 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 231</td>
<td>General Chemistry I</td>
<td>3</td>
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<tr>
<td>CHEM 231L</td>
<td>General Chemistry I Lab</td>
<td>1</td>
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<tr>
<td>CHEM 232</td>
<td>General Chemistry II</td>
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<tr>
<td>CHEM 232L</td>
<td>General Chemistry II Lab</td>
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</tr>
<tr>
<td>CHEM 243</td>
<td>Quantitative Analytical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L</td>
<td>Organic Chemistry I Lab</td>
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<td>CHEM 352</td>
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<td>3</td>
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<tr>
<td>CHEM 352L</td>
<td>Organic Chemistry II Lab</td>
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</tr>
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<td>CHEM 364</td>
<td>Chemical Thermodynamics and Kinetics</td>
<td>3</td>
</tr>
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<td>CHEM 366</td>
<td>Physical/Instrumentation Laboratory</td>
<td>1 - 4</td>
</tr>
<tr>
<td>CHEM 420</td>
<td>Chemistry Seminar</td>
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</tbody>
</table>

Total Credits: 28

II. Related Fields: (13-15 Credits)

Choose one Math Course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
</tr>
</tbody>
</table>

One of the following Physics groups:

**College Physics Group**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 141</td>
<td>College Physics I</td>
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<tr>
<td>PHYS 142</td>
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<td>PHYS 142L</td>
<td>College Physics II Lab</td>
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**University Physics Group**

<table>
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<tr>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 181</td>
<td>University Physics I</td>
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</tr>
<tr>
<td>PHYS 181L</td>
<td>University Physics I Lab</td>
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<tr>
<td>PHYS 182</td>
<td>University Physics II</td>
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</tr>
<tr>
<td>PHYS 182L</td>
<td>University Physics II Lab</td>
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</tr>
</tbody>
</table>

Total Credits: 13-15

III. Education Requirements:

Notes:
The student must fulfill the Professional Education Requirements for licensure; see Education Department for current requirements.

Total Credits: 39-43

**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: On Demand Spring: On Demand 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: On Demand Spring: On Demand 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.

**Goals:** Natural Sciences (03), Natural Sciences (03), People/Environmental (10)

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

**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.

**Goals:** Natural Sciences (03)

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

**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.

**Goals:** Natural Sciences (03)

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

**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.

**Goals:** Natural Sciences (03)

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

**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

**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.

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

**CHEM 186 Special Topics in Chemistry**

Credits: 1 - 4

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.

**Goals:** Natural Sciences (03)

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

**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.

**Goals:** Natural Sciences (03)

**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.

**Goals:** Natural Sciences (03)

**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  
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 Quantitative Analytical Chemistry  
An introduction to the principles of quantitative chemical analysis including the application of equilibrium calculations to analytical problems. Experimental work emphasizes classical techniques of analysis, especially gravimetric and volumetric methods. Electroanalytical methods are also introduced.

Pre-Requisites: CHEM 232  
Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

CHEM 286 Special Topics  
Credits: 1 - 4

CHEM 292 Honors Credit in Chemist  
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 otherchemistry course.

Permissions: Instructor's permission required  
Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

CHEM 333 Intermediate Inorganic Chemistry  
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: N/A Spring: N/A Summer: N/A

CHEM 344 Instrumental Analysis  
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 243  
Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

CHEM 351 Organic Chemistry I  
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  
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.

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

CHEM 352 Organic Chemistry II  
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  
Continuation of CHEM 351.

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

CHEM 364 Chemical Thermodynamics and Kinetics  
An introduction to chemical thermodynamics and its applications; chemical kinetics; and the kinetic theory of gases.

Credits: 3
**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:** CHEM 232 and MATH 151 and PHYS 141 and PHYS 142 or CHEM 232 and MATH 151 and PHYS 181 and PHYS 182  
**Course Frequency:** Fall: N/A Spring: Even Years Summer: N/A

**CHEM 366 Physical/Instrumentation Laboratory**  
Credits: 1 - 4  
A laboratory only course focusing on determination of molecular structures, chemical reaction rates, and other physical and chemical properties through the use of instrumental and computational techniques. Several experimental projects, each requiring a formal written report incorporating statistical data analysis, are completed. Spectroscopic methods of structure determination, especially NMR, are covered. The course carries variable credit with the number of projects completed depending upon the number of credits awarded. Provides a foundation for research in chemistry. May be repeated for up to four credits.

**Pre-Requisites:** CHEM 351  
**Course Frequency:** Fall: All Years Spring: N/A Summer: N/A

**CHEM 420 Chemistry Seminar**  
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: N/A Spring: N/A 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: On Demand Spring: On Demand 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: On Demand 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 density functional methods. Both theory and practical experience with computer calculations are included.

**Pre-Requisites:** CHEM 364  
**Course Frequency:** Fall: On Demand 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 352 and CHEM 363 or CHEM 352 and CHEM 364 or CHEM 352 and CHEM 365  
**Course Frequency:** Fall: N/A Spring: All Years Summer: N/A

**CHEM 473 Biochemistry**  
Credits: 3  
Structure, reactions and metabolism of biologically important compounds.

**Pre-Requisites:** CHEM 351  
**Course Frequency:** Fall: N/A Spring: All Years Summer: N/A

**CHEM 473L Biochemistry Lab**  
Credits: 1  
Structure, reactions and metabolism of biologically important compounds.
CHEM 486 Advanced Topics  Credits: 1 - 4
Organometallics, nonaqueous solution reactions, solid-state chemistry, polymers, computers in chemistry, environmental chemistry, or similar topics.

Permissions: Instructor's permission required  Course Frequency: Fall: On Demand Spring: On Demand
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.

Permissions: Instructor's permission required  Course Frequency: Fall: On Demand Spring: On Demand
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.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A Summer: N/A
## COMPUTER SCIENCE • 2012-2013

*Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.*

**Department Office:** SM 178  
**Phone Number:** 507-537-6178  
**Staff & Faculty:** Daniel Kaiser, Shushuang Man, Kourosh Mortezapour

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 (57 Credits)

#### I. Required Computer Science Courses: (37 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>COMP 120</td>
<td>Computer Seminar</td>
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</tr>
<tr>
<td>COMP 164</td>
<td>Essentials of Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>COMP 164L</td>
<td>Essentials of Computer Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>COMP 165</td>
<td>Fundamentals of Programming</td>
<td>3</td>
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<tr>
<td>COMP 165L</td>
<td>Fundamentals of Programming Lab</td>
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<tr>
<td>COMP 166</td>
<td>Data Structures</td>
<td>3</td>
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<tr>
<td>COMP 166L</td>
<td>Data Structures Lab</td>
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<tr>
<td>COMP 233</td>
<td>Computer Organization and Architecture</td>
<td>3</td>
</tr>
<tr>
<td>COMP 306</td>
<td>Object-Oriented Design &amp; Programming</td>
<td>3</td>
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<tr>
<td>COMP 324</td>
<td>Design and Analysis of Algorithms</td>
<td>3</td>
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<tr>
<td>COMP 368</td>
<td>Information &amp; Knowledge Management</td>
<td>3</td>
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<tr>
<td>COMP 376</td>
<td>Advanced UNIX Programming</td>
<td>3</td>
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<tr>
<td>COMP 377</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>COMP 390</td>
<td>Professional Issues Seminar</td>
<td>1</td>
</tr>
<tr>
<td>COMP 425</td>
<td>Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>COMP 492</td>
<td>Capstone Project</td>
<td>1</td>
</tr>
<tr>
<td>COMP 493</td>
<td>Capstone Project</td>
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</tr>
</tbody>
</table>

#### II. Computer Science Electives: (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 3XX</td>
<td>COMP Courses at the 300 level or above</td>
<td>6</td>
</tr>
</tbody>
</table>

#### III. Required Mathematics Courses: (14 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 200</td>
<td>Intro to Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 320</td>
<td>Foundations of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 325</td>
<td>Combinatorics</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 57

### Minor: Computer Science (22 Credits)

#### I. Required Courses: (13 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 120</td>
<td>Computer Seminar</td>
<td>1</td>
</tr>
<tr>
<td>COMP 164</td>
<td>Essentials of Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>COMP 164L</td>
<td>Essentials of Computer Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>COMP 165</td>
<td>Fundamentals of Programming</td>
<td>3</td>
</tr>
<tr>
<td>COMP 165L</td>
<td>Fundamentals of Programming Lab</td>
<td>1</td>
</tr>
<tr>
<td>COMP 166</td>
<td>Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>COMP 166L</td>
<td>Data Structures Lab</td>
<td>1</td>
</tr>
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</table>

#### II. Computer Science Electives: (9 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 2XX</td>
<td>Computer Science Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Total Credits: 22
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: All Years Spring: All Years 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: On Demand Spring: On Demand 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: All Years Spring: All Years 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

COMP 165 Fundamentals of Programming  Credits: 3
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.

Pre-Requisites: COMP 164 Course Frequency: Fall: On Demand 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: On Demand 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 or COMP 165L Course Frequency: Fall: All Years Spring: On Demand 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: On Demand 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.
Permissions: Instructor's permission required  
Course Frequency: Fall: On Demand Spring: On Demand 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: On Demand Spring: On Demand Summer: On Demand  

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 164  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

COMP 286 Topics in Computer Science  
Credits: 1 - 4  
A study of computer science topics not ordinarily covered in established courses.

Permissions: Instructor's permission required  
Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A  

COMP 292 Honors Credit Comp 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.

Permissions: Instructor's permission required  
Course Frequency: Fall: On Demand Spring: On Demand 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 or 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 applications, threads and synchronization.

Pre-Requisites: COMP 166  
Course Frequency: Fall: On Demand Spring: On Demand 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 or 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 320 or MATH 210  
Course Frequency: Fall: On Demand Spring: On Demand 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 or COMP 166 and COMP 233 or COMP 166 and COMP 233  
Course Frequency: Fall: On Demand Spring: On Demand 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 or COMP 166 and COMP 233 or COMP 166 and COMP 233

**Course Frequency:** Fall: *On Demand* Spring: *On Demand* 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 or 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 or COMP 233 or COMP 233 or 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 165 and MATH 151

**Course Frequency:** Fall: *On Demand* Spring: *On Demand* 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:** COMP 166 and MATH 151

**Course Frequency:** Fall: *On Demand* Spring: *On Demand* 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 or junior status. COMP 233 junior status.

**Course Frequency:** Fall: *N/A* Spring: *All Years* 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:** COMP 161 and MATH 200 and MATH 210

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

**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:** COMP 166 and MATH 320 or COMP 166 and MATH 320

**Course Frequency:** Fall: *On Demand* Spring: *On Demand* 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: On Demand Spring: On Demand 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: On Demand Spring: On Demand 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.

Permissions: Instructor's permission required  
Course Frequency: Fall: On Demand Spring: On Demand 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.

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 senior status.  
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: On Demand Spring: On Demand 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.

Permissions: Instructor's permission required  
Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

COMP 586 Graduate Topics in Computer Science  
Credits: 3
A study of advanced computer science topics not normally covered in established courses.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
# CRIMINAL JUSTICE • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

## Department Office:
SS 103  
Phone Number: 537-6224  
Staff & Faculty: William Du Bois

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.

## CRIMINAL JUSTICE

### Minor: Criminal Justice (18 Credits)

<table>
<thead>
<tr>
<th>I. Required Courses: (18 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUAD 144  Introduction to Justice &amp; Society .................................................. Credits: 3</td>
</tr>
</tbody>
</table>

Choose one of the following:

| JUAD 240  Law Enforcement & Society ......................................................... Credits: 3 |
| JUAD 242  Correction Systems ........................................................................ Credits: 3 |
| JUAD 450  Criminal Law .................................................................................... Credits: 3 |

Choose one of the following:

| JUAD 338  Youth & Crime .................................................................................. Credits: 3 |
| JUAD 370  Criminology ...................................................................................... Credits: 3 |

### II. Electives: (9 Credits)

| JUAD 238  Restorative Justice Circle Process .................................................. Credits: 1 |
| 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 346  Security Administration I ................................................................. 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 446  Security Administration II ................................................................. 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 |
| PHIL 305  Law, Liberty & Morality ..................................................................... Credits: 3 |
| POL 415  Law & Society ..................................................................................... Credits: 3 |
| SOCI 244  Soc of Deviant Behavior .................................................................... Credits: 3 |
| SOCI 331  Racial & Ethnic Relations in America .................................................. Credits: 3 |
| SWRK 280  Substance Abuse & Other Addictive Behaviors .................................. Credits: 3 |

Total Credits: **18**

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**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.

Goals: History/Social Sciences (05)  
Course Frequency: Fall: N/A Spring: N/A 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 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.

Goals: Diversity (07) Course Frequency: Fall: N/A 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.

Goals: Diversity (07) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SOCI 218 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 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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.

Goals: Civic/Ethical (09) Course Frequency: Fall: N/A 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: N/A Spring: N/A 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.
Goals: Diversity (07), Global (08)

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

**SOCI 286 Special Topics**

This course is designed to provide lower-division students with an opportunity to experience a special or experimental curriculum course.

**Credits:** 1 - 4

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

**SOCI 314 Sociological Theory**

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.

**Credits:** 3

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

**Pre-Requisites:** SOCI 101

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

**SOCI 315 Applied Social Research**

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.

**Credits:** 3

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

**Pre-Requisites:** SOCI 101

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

**SOCI 318 Forces for Social Change**

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. Prerequisites: SOCI 101 and one other sociology course.

**Credits:** 3

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

**Pre-Requisites:** SOCI 101

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

**SOCI 324 Sociology of Sexualities**

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.

**Credits:** 3

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

**Pre-Requisites:** SOCI 101

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

**SOCI 331 Racial & Ethnic Relations in America**

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.

**Credits:** 3

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

**Goals:** Diversity (07), Diversity (07)

**SOCI 334 Social Foundations of Criminal and Deviant Behavior**

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**

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: N/A Spring: N/A Summer: N/A

**SOCI 370 Criminology**

Exploration and critical analysis of criminal behavior. This course examines measuring crime, major types of crimes, criminal careers, explanation of crime and criminal behavior, and criminological and other theories of crime. The course explores violent crime, crimes against property, public order crimes, corporate and white collar crime, and terrorism. Special attention is given to what works, causes of crime, class, race, and gender, victims, restorative justice and prevention.

**Pre-Requisites:** JUAD 144 or SOCI 101

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

**SOCI 415 Formal Organizations, Bureaucracies, Corporations**

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.

**Credits:** 3
Pre-Requisites: SOCI 101

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

Credits: 3

SOCI 420 Family & Intimate Partner Violence

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: N/A Spring: N/A Summer: N/A

Credits: 3

SOCI 435 Rural Development

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

Credits: 3

SOCI 440 Human Communities

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: ANTH 116 and SOCI 101

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

Credits: 3

SOCI 445 Social Stratification

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

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

Credits: 1 - 3

SOCI 450 Individual Readings

To provide individual students with an opportunity to explore areas of special interest for academic credit.

Permissions: Instructor's permission required

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

Credits: 1 - 3

SOCI 486 Special Topics

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

Credits: 1 - 4

SOCI 495 Senior Capstone in Sociology

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: N/A Spring: N/A Summer: N/A

Credits: 3

SOCI 499 Field Experience/Internship

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: N/A Spring: N/A Summer: N/A

Credits: 3 - 12

SOCI 510 Social Issues-Mod Soc Th

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.

Permissions: Instructor's permission required

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

Credits: 3

SOCI 520 GS:Is in Sociology

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...
permissions: instructor's permission required course frequency: fall: n/a spring: n/a summer: n/a

<table>
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<td>any sociology courses</td>
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CULINOLOGY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office:  IL 121
Phone Number:  507-537-6436
Staff & Faculty:  Samir Amin, Michael Cheng, Kurt Struwe

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 ensure 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.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor’s degree.

CULINOLOGY

Bachelor of Science: Culinology® (59-60 Credits)

I. Culinology® Foundation Courses: (10 Credits)

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<thead>
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<tr>
<td>CHEM 122</td>
<td>Introductory Organic/Biochemistry</td>
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<td>CHEM 122L</td>
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<td>HOSP 120</td>
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II. Culinology® Core Courses (49-50 Credits)

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<td>Culinary Essentials I</td>
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<tr>
<td>CULG 210</td>
<td>Culinary Essentials II</td>
<td>4</td>
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<tr>
<td>CULG 250</td>
<td>Introduction to Baking &amp; Pastry</td>
<td>3</td>
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<tr>
<td>CULG 260</td>
<td>Principles of Garde Manger &amp; Buffet</td>
<td>3</td>
</tr>
<tr>
<td>CULG 310</td>
<td>Food Science</td>
<td>3</td>
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<tr>
<td>CULG 350</td>
<td>Aromatics and Flavors</td>
<td>3</td>
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<tr>
<td>CULG 360</td>
<td>Food Sensory Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CULG 390</td>
<td>Food Products Research &amp; Development Methodology</td>
<td>3</td>
</tr>
<tr>
<td>CULG 410</td>
<td>Food Chemistry and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CULG 430</td>
<td>Fundamentals of Food Processing</td>
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<td>CULG 450</td>
<td>Advanced Culinary Science</td>
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<td>CULG 490</td>
<td>Product Development (Capstone)</td>
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<td>CULG 499</td>
<td>Internship</td>
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<td>HOSP 325</td>
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Choose one course from the following:

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<th>Course</th>
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<td>BIOL 371</td>
<td>Food Microbiology</td>
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<td>CULG 300</td>
<td>International Cuisine</td>
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<tr>
<td>CULG 320</td>
<td>Principles of Meat Identification, Fabrication, &amp; Evaluation</td>
<td>2</td>
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<tr>
<td>CULG 440</td>
<td>Food Trends, Legislation, &amp; Regulation</td>
<td>3</td>
</tr>
<tr>
<td>CULG 460</td>
<td>Quality Assurance of Food Products</td>
<td>3</td>
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</table>

Total Credits: **59-60**
CULG 100 Introduction to Culinology  
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: N/A Spring: N/A Summer: N/A  

CULG 200 Culinary Essentials I  
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 or HOSP 120  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

CULG 210 Culinary Essentials II  
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: N/A Spring: N/A Summer: N/A  

CULG 250 Introduction to Baking & Pastry  
A fundamental course in baking methods and principles, to include yeast breads, quick breads, pastries, pies, cakes, custards, creams, and sauces.  
Pre-Requisites: HOSP 120 or HOSP 120  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

CULG 251 Baking and Pastry II  
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 260 Principles of Garde Manger & Buffet  
Students are introduced to the cold kitchen by their active involvement, participation, and planning of menu items created in this segment of the kitchen. Students practice techniques for artistic displays of hors d'oeuvres, canapes, pates, terrines, and charcuterie. Analysis of art used for culinary preparations made from edible material used to enhance receptions, buffets, cocktail parties, and theme buffets.  
Pre-Requisites: CULG 210 and CULG 250  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

CULG 286 Special Topics  
This course is designed to provide an opportunity for students to experience a special or experimental enrichment course.  
Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

CULG 294 Independent Study  
Independent study and research within the Culinology area. Course restricted to Culinology majors with consent of Culinology advisor and selected instructor only.  
Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

CULG 300 International Cuisine  
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: HOSP 120 or HOSP 120  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

Credits: 1 - 4  
Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  

Credits: 1 - 3  
Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A
### CULG 310 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 and CULG 210  
**Course Frequency:** Fall: N/A 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 grading, 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: N/A 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 explore culinary herbs and spices, salts, peppers, oils, vinegars, essences, fragrances, oleoresins, concentrates, freeze dried fruit and vegetable products, and other flavor carriers, used in cooking and culinary research and development. Students study aspects of history, medicinal benefits, growing, marketing, purchasing, distributing, and culinary applications and practices. This course includes a hands-on lab application of techniques learned.

**Pre-Requisites:** CULG 210 and CULG 310  
**Course Frequency:** Fall: N/A Spring: N/A 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:** CULG 210 and CULG 310  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

### CULG 390 Food Products Research & Development Methodology
**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, sensory evaluations quality control procedures and HACCP plans.

**Pre-Requisites:** CULG 260 and CULG 360  
**Course Frequency:** Fall: N/A 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: N/A 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 one’s 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: N/A Spring: N/A Summer: N/A

### CULG 430 Fundamentals of 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 410  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**CULG 440 Food Trends, Legislation, & Regulation**  
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: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**CULG 450 Advanced Culinary Science**  
Advanced Culinary Science is an examination of taste, cooking techniques, ingredients, and flavoring techniques designed to integrate students' culinary training, academic studies, and field experience using fundamental cooking techniques, topics of contemporary significance, food science, aesthetics, and sensory perception as frameworks. Building on previous CULG courses, students will research and present on menu development, marketing, and fiscal accountability in food production. Use of pricing and marketing demonstrate professional techniques, theory, skills in planning, purchasing, production, and kitchen management learned from prior courses.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**CULG 460 Quality Assurance of Food Products**  
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  
**Credits:** 3

**CULG 486 Special Topics**  
This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 1 - 4

**CULG 490 Product Development (Capstone)**  
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.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**CULG 494 Independent Study**  
Independent study and research within the Culinology area. Course restricted to Culinology majors with consent of Culinology advisor and selected instructor only.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 1 - 3

**CULG 498 Internship**  
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.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 1 - 9

**CULG 499 Internship**  
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.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 1 - 9
Course Frequency: Fall: N/A Spring: N/A Summer: N/A
ECONOMICS • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Stephen Davis, Sangnyeol Jung, Gerald Toland

Economics is the study of how societies use scarce resources to produce, allocate, and distribute valued goods and services. SMSU’s Economics Program provides students with the opportunity to understand how important factors such as scarcity, growth, and technology affect the performance of individual markets, national economies, and global economic conditions. A minor in economics is open to all students regardless of major or discipline.

ECONOMICS

Minor: Economics (21 Credits)

A. Required Courses (12 Credits)

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<td>Principles of Accounting I</td>
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<td>ECON 201</td>
<td>Principles of Microeconomics</td>
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<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
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<td>ECON 301</td>
<td>Microeconomics Analysis &amp; Policy</td>
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<td>ECON 302</td>
<td>Macroeconomics Analysis &amp; Policy</td>
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<td>ECON 302</td>
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B. Electives: (9 Credits)

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<td>ECON 328</td>
<td>Money and Banking</td>
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<td>ECON 351</td>
<td>Public Budgeting and Finance</td>
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<td>ECON 470</td>
<td>International Business &amp; Economics</td>
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<tr>
<td>ECON 484</td>
<td>Managerial Economics</td>
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Total Credits: 21

ECON 110 The Real World of Economics

This course is offered for the non-business major who wishes to examine the economic problems at different levels such as households, firms, governments, and the world. A basic analysis is presented on such topics as demand and supply competition and market power the role of the government in the economy energy and shortages of vital resources pollution economic growth and investment unemployment and inflation taxation poverty and international economic problems. This course may not be used as a pre-requisite for any business course including economics.

Goals: History/Social Sciences (05) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ECON 201 Principles of Microeconomics

Introduction to supply and demand analysis; study of competition and monopoly power; resource allocation, pricing and the market system; business and labor regulation; and income distribution. This course requires a mathematical background including two years of high school algebra or MATH 060. Sophomore standing is recommended.

Goals: History/Social Sciences (05) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ECON 202 Principles of Macroeconomics

National income analysis; determinants of GDP and the level of economic activity; unemployment; inflation and non-inflationary full employment; government spending and taxation; the monetary system and Federal Reserve policy; international trade; and how other economic systems work. This course requires a mathematical background including two years of high school algebra or MATH 060. Sophomore standing is recommended.

Goals: History/Social Sciences (05) Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Credits: 3
A continuation of the study of efficiency and equity raised in ECON 201. Competition, monopoly, undesirable effects of monopoly power, and inefficiencies in the economy are discussed.

Pre-Requisites: ECON 201 and ECON 201 and ECON 202 and MATH 150 ECON 202 and MATH 115 or ECON 201 and ECON 202 and MATH 135 or ECON 201 and ECON 202 and MATH 140 or Course

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

Credits: 3
A continuation of the study of aggregate economic behavior raised in ECON 202. The level of economic activity, employment, inflation, unemployment, and monetary and fiscal policy are discussed.

Pre-Requisites: ECON 201 and ECON 201 and ECON 202 and MATH 150 ECON 202 and MATH 115 or ECON 201 and ECON 202 and MATH 135 or ECON 201 and ECON 202 and MATH 140 or Course

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

Credits: 3
The course will present basic labor market analysis and manpower policy issues.

Pre-Requisites: ECON 201 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3
Intermediate microeconomic theory, its application focusing on both consumer/producer decisions. Topics include: theory of supply and demand, market structure and conduct, general equilibrium and welfare, effects of government regulations, and market failures.

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

Credits: 3
Use, availability, control, and conservation of natural resources; analysis of policies to reduce or prevent shortages of fuels, water, and minerals; analysis of the uses of agricultural output and how the agricultural sector can help solve such problems as energy availability, water, and air pollution.

Pre-Requisites: BADM 230 and ECON 201 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3
Monetary system and monetary policy, including aggregate economic activity, economic policy and goals, and intermediate finance.

Pre-Requisites: ECON 201 and ECON 202 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3
The course will acquaint the student with the problems of rural America and present solutions to these problems.

Pre-Requisites: BADM 230 and ECON 201 and ECON 202 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3
This course is designed to allow students with an interest in public service develop an increased understanding of public budgeting and financial management. The course will integrate theories of public finance with the pragmatic challenges of planning effective budgets that can implement publicly-approved goals/objectives. Students will address the dynamics of the budget process (budget development, budget execution, etc.), and also be expected to propose and defend a budget for an agency or community. Students will increase their writing proficiency by preparing concise and professional reports that analyze and evaluate real government budgets.

Pre-Requisites: ECON 201 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3
The course is a study of government expenditures, fiscal principles, shifting and incidence of taxes, distribution of tax burden, types of taxation (income, consumption, wealth, sales, value-added), and debt policy for economic stabilization.

Pre-Requisites: ECON 201 and ECON 202 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3
The course is a study of the theory of economic growth and development of less developed countries, and policy implications; an examination of the history of the process of economic development for a number of countries.
Pre-Requisites: ECON 201 and ECON 202  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ECON 394 Directed Study Economics**  
Credits: 3  
To allow the student to pursue independent studies not provided for in the curriculum.

**Permissions:** Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ECON 470 International Business & Economics**  
Credits: 3  
Doing business in and with other countries; why countries engage in international trade; financing international transactions; international banking; government policy and international trade and finance.

Pre-Requisites: ECON 201 and ECON 202  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ECON 484 Managerial Economics**  
Credits: 3  
The course studies applications of economic analysis to managerial decision-making, demand analysis, short-range forecasting involving supply-and-demand concepts, costbenefit analysis; and economic optimization techniques.

Pre-Requisites: BADM 230 and ECON 202 and MATH 115 and PSYC 200 or ECON 201 and ECON 202 and MATH 115 and SOCI 200 or BADM 230 and ECON 201 and ECON 202 and ECON 201 and MATH 135 or ECON 202 and MATH 115 or ECON 201 and ECON 202 and MATH 115 and MATH 200 or ECON 201 and Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ECON 486 Special Topics in Economics**  
Credits: 1 - 4

**ECON 510 GS:T&I in Economics**  
Credits: 3  
This course is meant to provide the student with an understanding of the important economic issues of the present and foreseeable future. General topics for discussion include the role of government, the private sector, the global marketplace, and economic well-being and standards of living.

**Permissions:** Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ECON 520 GS:Is in Economics**  
Credits: 1 - 3
EDUCATION • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: IL 229
Phone Number: 507-537-7115
Staff & Faculty: Michelle Beach, Rhonda Bonnstetter, Wendy Claussen, Verna Cornish, JoAnne Hinckley, Paulette Stefanick, Deborah VanOverbeke, Sonya Vierstraete

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 Program Handbook, which identifies outcomes of the program and describes the research base for the conceptual framework, "Communities of Practice Investigating Learning and Teaching.” The student handbook for Teacher Education 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 subsection 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.

EDUCATION

About the Education Program & Applying to the Teacher 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 Visual Arts, Music (Vocal or Instrumental), Physical Education, and World Languages and Cultures–Spanish. Grades 5-12 secondary licensure is available in Communication Arts/Literature + Speech and Communication Arts/Literature + English, Health, 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.

Application to Teacher Education Program
Students working toward licensure in Early Childhood Birth to Grade 3, Elementary or Secondary education must make formal application for admission to the Teacher Education Program. All students must be admitted to SMSU prior to applying to the Teacher Education Program. Admission to the Teacher Education Program is a prerequisite for most 300 or 400 level Education methods courses. An applicant must meet the criteria listed below. A final decision on acceptance to the Teacher Education Program will be issued within 4 weeks after the applicant has interviewed with the Teacher Education Screening Committee.

Applicants must:
1. Have completed at least 45 semester credits prior to applying and show evidence that a minimum of 60 semester credits will be satisfactorily completed at the end of the semester in which the application is being made.
2. The minimum GPA requirement can be met by option "a" or "b":
   a. 2.8 cumulative GPA from all transcripts from all colleges and universities attended. The cumulative GPA requirement for admission to Teacher Education is different from the transfer of credits and grades for admission to SMSU. Students may plan with an Education advisor to retake at SMSU courses taken at SMSU or other colleges or universities in order to improve the cumulative GPA.
   b. 2.8 GPA for at least two of the most recent four terms of college or university work. These two terms must each have a minimum of 12 semester credits of letter graded courses.
3. Have completed the following courses (or the equivalents) with a minimum grade of “B-”: ENG 151 Academic Writing and SPCH-110 Essentials of Speaking & Listening, and a minimum grade of “C” in MATH 110 College Algebra or high LAC Math (MATH 135, MATH 140, or MATH 150). Elementary Education majors must complete MATH 129 (Combo of MATH 127 & 128) prior to admission to the Teacher Education Program with a grade “C” or better. This course is a prerequisite for ED 361 Mathematics Methods and Assessment.

   a. In ED 101 students will submit a writing sample to their instructor for evaluation; students who do not meet Education department standards are responsible for working with the SMSU Writing Center to improve written work.
   b. In ED 101 students will be expected to review and edit at least 4 different written items other than their own.

5. Present biographical data.

6. Demonstrate competency in written communication by submitting an essay for application to the Teacher Education Program which describes his/her commitment to teaching. The essay will be reviewed for correctness in mechanics and spelling as well as for the ability to express ideas clearly.

7. Receive three positive recommendations:
   a. Academic Reference Form: to be completed by a faculty member in your content area;
   b. Education Faculty Recommendation: to be completed by a faculty member teaching an Education class you have taken; and
   c. Intro to Education Classroom Experience Reference Form. The Classroom Experience Reference may be fulfilled by your Introduction to Education Field Experience Reference Form. If you are transferring in the Introduction to Education class, you will need to request a copy of this form and have it completed by a supervisor for a field experience with students from your prior school.

8. Complete the Teacher Education Readiness Inventory for the purpose of self-evaluation.

9. Present documentation for the following:
   a. Present evidence of liability coverage. All SMSU Education students must hold personal liability insurance in an amount comparable to professional standards (minimum of $1,000,000). Students must have this coverage throughout their program in Teacher Education. This coverage which is available through EMSP must be renewed annually. The coverage for a school year is from September 1 through August 31 of the following year. Forms are available at [http://www.educationminnesota.org/pages/registration.aspx](http://www.educationminnesota.org/pages/registration.aspx). Once you have enrolled, you will receive an email confirming your membership – bring a copy of this email to the Education Department for inclusion in your file. You will need to renew your membership yearly.
   b. Present evidence of enrollment in the EMSP list serve. All students need to subscribe to the EMSP list serve, as this is how we will send program information out to all students. To subscribe to the list serve, send an email to LYRIS@SSULIST.SMSU.EDU, type “subscribe emsp” in the body of the email, and leave the subject area blank. You should receive a confirmation email shortly after subscribing – bring a copy of this email to the Education Department for inclusion in your file. This only needs to be done once.

10. It is recommended you become a member of a professional organization.

11. Submit results of the Minnesota Teacher Licensure Exam (MTLE) I Basic Skills test. Students who have not passed one or more sections of the test will be eligible for Conditional Admission to the Teacher Education Program, and will be placed on an Individualized Growth Plan. All sections of the MTLE I Basic Skills test must be passed prior to placement for student teaching. For more information on registering for the MTLE I Basic Skills tests, go to [www.mtle.nesinc.com](http://www.mtle.nesinc.com)

12. Students who meet criteria #1-#11 will be asked to come to a thirty minute interview process with the Teacher Education Screening Committee.

**Additional Information**

**B.A. or B.S. Degree Students without Licensure:**
A student with a bachelor's degree who does not hold a teaching license must meet the admissions criteria given above and be accepted into the program before taking most 300 or 400 level methods courses in Education toward the licensure program.

**AA Degree Students:**
- Students can be accepted for an interview even if they haven’t taken ED 102 Technology or ED 220 Language Arts
- Can be conditionally accepted, and moved to full acceptance upon successful completion of required courses
- Students must be enrolled in these courses for the next semester
- Students must be enrolled in the junior year experience classes (ED 402 Early Literacy and Linguistics & Lab, ED 344 Elementary Social Studies Methods & Lab, ED 443 Action Research I, and ED 561 Mathematics Methods and Assessment & Lab).

Students who hold a degree from an institution or have been employed in an educational setting with children for the equivalent of one year and within the past 5 years may petition for a customized lab experience for the following courses:
- ED 101 Introduction to Education
- SPED 290 Introduction to Special Education
- NOTE: Employment in an educational setting will not count for credit in methods classes.

**Licensed Teachers:** Licensed teachers who plan to add a new licensure will be asked to submit the biographical data form, transcripts of all college or university studies, copy of current teaching license, and evidence of liability insurance. A customized plan will be developed upon review of the information provided.

**Testing:**
The Minnesota Board of Teaching requires that effective September 1, 2010, all applicants for initial teaching licensure in Minnesota shall provide evidence of having successfully completed the Minnesota Teacher Licensure Examination (MTLE) Basic Skills Test, a test of basic skills in reading, writing, and mathematics. Students interested in Teacher Education may take this examination any time after enrolling at Southwest MN State University. Notification of testing dates and sites will be posted in the Education Department and in Career Services. Applicants for Teacher Education must submit the examination results as part of the application materials. The process is as follows:
1. must take the MTLE Basic Skills Test prior to application to Teacher Education,
2. must pass all sections of the MTLE Basic Skills Test prior to placement for student teaching,
3. must pass the MTLE Pedagogy and Content Examinations appropriate to applicant’s major(s) prior to application for initial teaching licensure.

**Transfer Students:** Transfer students and students with previous degrees may find it necessary to take additional liberal arts courses to meet Minnesota licensure requirements. Students requesting transfer of early childhood, elementary or secondary credits from other colleges and universities may request a review of all transcripts at any time.

**Interview:** An interview will be held with each applicant who meets the minimum criteria listed (#1-#11 above). The purpose of the interview is to ask the student questions on the materials submitted, to discuss the applicant’s plans in regard to the teaching profession and to access the student’s overall
potential as a teacher. Each student should bring one question to introduce into the discussion.

Screening Process: The Teacher Education Screening Committee will use a point system in reviewing the materials in the applicant’s file and the interview.

Deadlines: The deadlines for application are available on the Education Department website.

GPA in Program/Major: Secondary applicants must also fulfill a GPA requirement and course requirements set by the program/major. A delay in student teaching may occur if these requirements are not met.

Forms: Application forms are available in the Education Department Office or on the website.

Application to Student Teaching: All licensures

1. Formal Acceptance to Teacher Education Program/Senior standing.
3. A cumulative GPA of 2.8 and record cleared of all “IR,” “I,” “W,” and “F” grades in degree related courses.
4. All degree related courses completed or department approval required for exceptions.
5. Degree check completed or scheduled at Registrar’s office.
6. Positive recommendation from Pre-Student Teaching Experience.
7. Early Childhood and Elementary Education majors must have a positive recommendation from their academic advisor. Secondary education majors must have positive recommendation from their academic and education advisors.

Application for Graduation:
All Teacher Education students are required to complete a portfolio for demonstration of program outcomes and for reflection on development as a teaching candidate. The portfolio will be presented during a peer review, an exit interview with faculty, and the student teacher evaluation conference. More information on the portfolio requirement is found in the Program Handbook: Communities of Teachers and Learners. The handbook is available at the Education Department office in IL 229 or online at www.SMSU.edu/ed/student_resources.html.

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 Language Arts Methods and Assessment ......................................................................................................... Credits: 3
- ED 251 Intro 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 390 Music Fundamentals for Elementary Teachers ................................................................................................... Credits: 1
- MUS 392 Elementary School Music Methods and Materials .............................................................................................. Credits: 2
- 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, 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 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 412 Early Literacy and Linguistics .................................................................................................................................... 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 Elementary Education ........................................................................................................................ Credits: 2
- HLTH 491 Elementary School Health Education ..................................................................................................................... Credits: 2

Notes: ED 402 includes a Lab component.

Twelve (12) credits of student teaching are required for a semester-length experience:
Notes: (Student teaching may include two placements, depending on licensure.)
II. Elementary Education Endorsements

A. Elementary Education Pre-Primary Endorsement: Age 3-Grade 6 (17 Credits)

ED 275 Foundations: Parent-Child Relationships ................................................................. Credits: 2
ED 315 Play & Creative Activities & Lab ......................................................................................... Credits: 3
ED 330 Curriculum, Methods, & Assessments in Early Childhood & Lab ........................................ Credits: 3
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 (27 Credits)

Notes: Students must maintain a minimum of "C" grades in these courses.

ED 411 Middle Level Communication Arts/Literature Methods ....................................................... Credits: 3
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
SPCH 200 Small Group Communication ......................................................................................... Credits: 3
SPCH 215 Oral Interpretation .......................................................................................................... Credits: 3
SPCH 330 Mass Media and Society ................................................................................................ Credits: 3

One of the following Literature courses: (3 Credits)

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 (24 Credits)

ED 412 Middle Level Methods: Mathematics ............................................................................... Credits: 2
MATH 150 Calculus I .................................................................................................................... Credits: 5
MATH 151 Calculus II ................................................................................................................... Credits: 5
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 (30 Credits)

ED 413 Middle Level Methods: Science ......................................................................................... Credits: 2

1. Earth Science (8 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

2. Physical Science (8 Credits)

CHEM 121 Basic Chemistry ......................................................................................................... Credits: 3
CHEM 121L Basic Chemistry Lab ................................................................................................. Credits: 1
PHYS 100 Our Physical Universe .................................................................................................. Credits: 3
PHYS 100L Our Physical Universe Lab ........................................................................................ Credits: 1

3. Life Science (8 Credits)

BIOL 200 Cell Biology .................................................................................................................. Credits: 3
BIOL 200L Cell Biology Lab ......................................................................................................... Credits: 1

Choose one lecture and corresponding laboratory study:

BIOL 301 Zoology ........................................................................................................................ Credits: 3
BIOL 301L Zoology Lab ................................................................................................................. Credits: 1
BIOL 302 Botany ........................................................................................................................... Credits: 3
BIOL 302L Botany Lab ................................................................................................................... Credits: 1

4. Environmental Science (4 Credits)

ENVS 180 Environmental Science: Introduction ............................................................................ Credits: 3
ENVS 180L Environmental Science: Introduction Lab .................................................................. Credits: 1

E. Social Science Endorsement: Grades 5-8 (39 Credits)

ED 414 Middle Level Methods: Social Science ............................................................................ Credits: 3

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 210  Contemporary World History  Credits: 3
HIST 222  Modern America: History of the U.S. from 1865 to the Present  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
RURL 310  Environmental History  Credits: 3

7. Sociology
SOCI 101  Introduction to Sociology  Credits: 3

Choose one of the following:
SOCI 318  Forces for Social Change  Credits: 3
SOCI 331  Racial & Ethnic Relations in America  Credits: 3

F. World Languages and Culture-Spanish Endorsement: Grades K-8 (Under review)

Notes:
Program under review as of July 1, 2011. No new students are being accepted into this endorsement program. Current students should talk with their advisor if they have questions regarding this program.

ED 415  K-8 Methods: World Languages and Cultures-Spanish  Credits: 2
SPAN 201  Intermediate Spanish I  Credits: 4
SPAN 202  Intermediate Spanish II  Credits: 4
SPAN 311  Spanish Composition & Conversation  Credits: 3
SPAN 312  Spanish Composition & Conversation  Credits: 3

Choose one of the following culture classes:
SPAN 341  Spanish Culture & Civilization  Credits: 3
SPAN 342  Latin Amer Culture & Civilization  Credits: 3

Choose one of the following literature classes:
SPAN 321  Study of 20th Century Literature  Credits: 3
SPAN 421  Survey-Peninsular Literature  Credits: 3
SPAN 422  Survey-Peninsular Literature  Credits: 3
SPAN 423  Survey of Latin American Literature  Credits: 3
SPAN 424  Survey of Latin American Literature  Credits: 3

Bachelor of Science: Elementary Education with Optional Endorsements

Notes:
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: 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:
ED 220  Language Arts Methods and Assessment  Credits: 3
ED 251  Intro 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 inEarly Childhood & 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 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 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: (12 Credits)
ED 462 Student Teaching: Birth - Grade 3 Credits: 12

Total Credits: 76

Bachelor of Science: English as a Second Language (ESL) 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 Language Arts Methods and Assessment Credits: 3
ED 318 Kindergarten Methods & Materials 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 Intro 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

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, 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 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 Credits: 3
ED 443 Action Research I Credits: 2
ED 444 Action Research II Credits: 1

Choose one:
ED 312 

Notes: ED 402 includes a Lab component.
**SOCI 212** Human Relations  
Credits: 3

*Choose one course with lab:*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 301</td>
<td>The Teaching &amp; Learning Process &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>ED 423</td>
<td>Classroom Management Theories &amp; Practices &amp; Lab</td>
<td>3</td>
</tr>
</tbody>
</table>

Twelve (12) credits of student teaching are required for a semester-length experience:

Notes: (Student teaching may include two placements, depending on licensure.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 466</td>
<td>Student Teaching: K - Grade 12</td>
<td>12</td>
</tr>
</tbody>
</table>

Notes: * Refer to Education Program for course number needed for your area.

**English as a Second Language (ESL) Requirements: (21 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 431</td>
<td>Foundations of Bilingual Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 432</td>
<td>Understanding ESL Language Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>ED 433</td>
<td>Assessment for Linguistically Diverse Students</td>
<td>3</td>
</tr>
<tr>
<td>ED 434</td>
<td>Developing Second Language Literacy</td>
<td>3</td>
</tr>
<tr>
<td>ED 435</td>
<td>Integrating ESL Content &amp; Language Instruction</td>
<td>3</td>
</tr>
<tr>
<td>ED 436</td>
<td>ESL Family, School, &amp; Community Partnerships</td>
<td>3</td>
</tr>
<tr>
<td>ED 447</td>
<td>Teaching of Literacy</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 76

**Minor: Special Education (18 Credits)**

This is a non-licensure minor that includes courses that fulfill post-baccalaureate licensure in Special Education.

**I. Prerequisites: (3 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 290</td>
<td>Introduction to Special Needs and Lab</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: *SPED 400 Field Experience in Special Education may be needed for transfer students without a lab experience

**II. Special Education Core: (9-12 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 440</td>
<td>Assessment &amp; Educational Planning</td>
<td>3</td>
</tr>
<tr>
<td>SPED 470</td>
<td>Collaboration in Educational Settings</td>
<td>3</td>
</tr>
<tr>
<td>SPED 480</td>
<td>Procedural Safeguards in Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**III. Elective Courses: (3-6 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 331</td>
<td>Infants and Toddlers</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 120</td>
<td>Food Sanitation and Safety</td>
<td>1</td>
</tr>
<tr>
<td>PE 210</td>
<td>Introduction to Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 481</td>
<td>Adapted Phys Educ Application</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 103</td>
<td>Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: Notes: 1. SPED 485 may be used for the Autism Certificate. 2. PE 210 and PE 481 may be used for the DAPE Licensure.

3. SPED 403 OR SPED 470 may be used for the DAPE 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

**Secondary Education Majors: K-12 or 5-12 Licensure Curriculum (39 Credits)**

**Secondary Majors:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Content Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12 Biology</td>
<td>K-12 Music: Instrumental or Vocal</td>
</tr>
<tr>
<td>9-12 Chemistry</td>
<td>K-12 Physical Education</td>
</tr>
<tr>
<td>5-12 Music</td>
<td>K-12 Visual Arts</td>
</tr>
<tr>
<td>5-12 Language</td>
<td>K-12 World Languages &amp; Cultures: Spanish</td>
</tr>
<tr>
<td>5-12 Math</td>
<td></td>
</tr>
<tr>
<td>5-12 Social Science</td>
<td>(history, psychology, political science, or sociology)</td>
</tr>
</tbody>
</table>

**I. Professional Secondary Education Sequence: (32 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 101</td>
<td>Introduction to Education and Lab</td>
<td>3</td>
</tr>
<tr>
<td>ED 102</td>
<td>Tech.Classroom Applications &amp; Portfolio</td>
<td>2</td>
</tr>
<tr>
<td>ED 301</td>
<td>The Teaching &amp; Learning Process &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>ED 304</td>
<td>Professional Development &amp; Classroom Applications</td>
<td>1</td>
</tr>
<tr>
<td>ED 430</td>
<td>Reading in the Content Areas</td>
<td>2</td>
</tr>
</tbody>
</table>
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: (3 Credits)
ED 312  Human Relations for Teachers  Credits: 3

Choose one of the following Student Teaching Sections: (12 Credits)
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)

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
ED 409  K-12 Methods: World Languages & Cultures in Spanish  Credits: 4
HLTH 492  Organization and Application of Health Education: 5-12  Credits: 3
MUS 390  Music Fundamentals for Elementary Teachers  Credits: 1
MUS 392  Elementary School Music Methods and Materials  Credits: 2
MUS 393  Secondary Ensemble & Classroom Methods  Credits: 3
PE 401  K-12 Physical Education  Credits: 3
SPCH 450  Secondary Teaching Methods: Speech Communication  Credits: 3

Notes:
See descriptions listed under program areas of the online catalog.

III. Requirements of major and/or minor fields of study:

Total Credits: 39

K-12 Reading Licensure Curriculum (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  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  Differentiated Reading Instruction  Credits: 3

Total Credits: 15

English as a Second Language (ESL) K-12 Licensure Curriculum (30 Credits)
This program, added to a current teaching license, will prepare students to meet the state requirements for ESL instruction.

Choose one: (3 Credits)
ED 402  Early Literacy and Linguistics  Credits: 3
ED 502  Early Literacy and Linguistics  Credits: 3
Choose one: (3 Credits)
ED 431 Foundations of Bilingual Education Credits: 3
ED 531 Foundations of Bilingual Education Credits: 3

Choose one: (3 Credits)
ED 432 Understanding ESL Language Acquisition Credits: 3
ED 532 Understanding ESL Language Acquisition Credits: 2

Choose one: (3 Credits)
ED 433 Assessment for Linguistically Diverse Students Credits: 3
ED 533 Assessment for Linguistically Diverse Students 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 434 Developing Second Language Literacy Credits: 3
ED 534 Developing Second Language Literacy Credits: 3

Choose one: (3 Credits)
ED 435 Integrating ESL Content & Language Instruction Credits: 3
ED 535 Integrating ESL Content & Language Instruction Credits: 3

Choose one: (3 Credits)
ED 436 ESL Family, School, & Community Partnerships Credits: 3
ED 536 ESL Family, School, & Community Partnerships Credits: 3

Choose one: (6 Credits)
ED 437 ESL Practicum/Student Teaching Credits: 6
ED 537 ESL Practicum/Student Teaching Credits: 6

Total Credits: 30

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: N/A Spring: N/A 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: N/A Spring: N/A 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 220 Language Arts Methods and Assessment Credits: 3
The course enables the early childhood and elementary teacher to improve communication adequacy as language develops in the child from birth to adolescence, 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 language learners (ELL). Students will complete an eight-hour field experience.

**Pre-Requisites:** ED 101 and ED 102 **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**ED 251 Intro Child Growth & Development**  
Credits: 3  
An introductory study of child growth and development from conception through age 14, with emphasis on teaching applications, student diversity, and pertinent topics associated with alcohol, tobacco, and illicit drug use including the possible effects on prenatal development through adolescence.

**Course Frequency:** Fall: N/A Spring: N/A 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: N/A Spring: N/A 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 indepth or comprehensive study or research by certain students concurrently enrolled in at least one other Education course.

**Permissions:** Instructor's permission required **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**ED 296 Workshop in Education**  
Credits: 1 - 4  
Special workshops created and designed according to the needs of the participants. Offered in different formats and time spans.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**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: N/A 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: N/A 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: N/A 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: N/A 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. Admission to Teacher Education Program is required.

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<thead>
<tr>
<th>Course Frequency: Fall: N/A</th>
<th>Spring: N/A</th>
<th>Summer: N/A</th>
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<tbody>
<tr>
<td><strong>ED 315 Play &amp; Creative Activities &amp; Lab</strong></td>
<td>Credits: 3</td>
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<tr>
<td>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.</td>
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<th>Course Frequency: Fall: N/A</th>
<th>Spring: N/A</th>
<th>Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td><strong>ED 318 Kindergarten Methods &amp; Materials</strong></td>
<td>Credits: 3</td>
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<tr>
<td>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.</td>
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<tr>
<th>Course Frequency: Fall: N/A</th>
<th>Spring: N/A</th>
<th>Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td><strong>ED 330 Curriculum, Methods, &amp; Assessments inEarly Childhood &amp; Lab</strong></td>
<td>Credits: 3</td>
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</tr>
<tr>
<td>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.</td>
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<tr>
<th>Pre-Requisites: ED 315 or ED 315</th>
<th><strong>Course Frequency:</strong> Fall: N/A</th>
<th>Spring: N/A</th>
<th>Summer: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ED 331 Infants and Toddlers</strong></td>
<td>Credits: 3</td>
<td></td>
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<tr>
<td>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.</td>
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<th>Course Frequency: Fall: N/A</th>
<th>Spring: N/A</th>
<th>Summer: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ED 344 Elementary Social Sciences Methods and Lab</strong></td>
<td>Credits: 3</td>
<td></td>
</tr>
<tr>
<td>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.</td>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>ED 345 Social Studies/Classroom Management &amp; Lab</strong></td>
<td>Credits: 3</td>
<td></td>
</tr>
<tr>
<td>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.</td>
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<th>Course Frequency: Fall: N/A</th>
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</thead>
<tbody>
<tr>
<td><strong>ED 346 Children's Literature</strong></td>
<td>Credits: 2</td>
<td></td>
</tr>
<tr>
<td>Includes study of children's literature at pre-primary, kindergarten, and elementary levels, with emphasis on diversity.</td>
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</table>

<table>
<thead>
<tr>
<th>Pre-Requisites: ED 101 and ED 251 and EDFN 102 and EDFN 201 ED 102 and ED 251 or ED 101 and ED 251 and EDFN 102 or ED 102 and ED 251 and EDFN 201 or <strong>Course Frequency:</strong> Fall: N/A</th>
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<th>Spring: N/A</th>
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</tr>
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<tbody>
<tr>
<td><strong>ED 361 Mathematics Methods/Assessments &amp; Lab</strong></td>
<td>Credits: 3</td>
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</tr>
<tr>
<td>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.</td>
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<tr>
<td><strong>ED 361 Mathematics Methods/Assessments &amp; Lab</strong></td>
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<td>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.</td>
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<th>Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td><strong>ED 363 Science Methods and Assessment &amp; Lab</strong></td>
<td>Credits: 3</td>
<td></td>
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</tbody>
</table>
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: N/A Summer: N/A

ED 402 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. Students will complete a 15 hour lab placement as part of this class.

Course Frequency: Fall: N/A 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.

Pre-Requisites: ED 301 Course Frequency: Fall: N/A 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.

Pre-Requisites: ED 301 Course Frequency: Fall: N/A Spring: N/A 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.

Pre-Requisites: ED 301 Course Frequency: Fall: N/A Spring: N/A 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.

Pre-Requisites: ED 301 Course Frequency: Fall: N/A 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.

Pre-Requisites: ED 301 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 411 Middle Level Communication Arts/Literature Methods Credits: 3
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 student will be studied. Five classroom visits are included in the course. Admission to the Teacher Education Program required.

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

ED 414 Middle Level Methods: Social Science  Credits: 3
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: N/A 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: N/A 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: N/A 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: N/A Summer: N/A

ED 431 Foundations of Bilingual Education  Credits: 3
In this class students will learn about linguistically and culturally diverse students and about themselves as professionals. Students will also examine all issues that may impact the school experiences of language minority students. The required preparation for this course is 1 year of foreign language.

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

ED 432 Understanding ESL Language Acquisition  Credits: 3
This course looks at foundational literature in three areas: 1) native language acquisition, 2) second language acquisition, and 3) second language acquisition in the academic setting, where students are required to learn content and language simultaneously.
ED 433 Assessment for Linguistically Diverse Students  
Credits: 3
Students will learn to expand their own assessment literacy as well as second language learners. Commonly used tests and techniques will be used so that students will become familiar and will be able to identify and place bilingual/ESL students in public school settings.

ED 434 Developing Second Language Literacy  
Credits: 3
Students will understand the role of literacy development in content area learning so that teachers can support second language learners’ literacy and content learning. The areas of communication, pattern, and variability are studied based on students’ background knowledge.

ED 435 Integrating ESL Content & Language Instruction  
Credits: 3
In this course, students learn methods to help them understand how to integrate content and language instruction in curriculum development for second language learners. Students will gain an understanding of the SIOP (Sheltered Instruction Observation Protocol) Model of instruction for lesson planning and implementation.

ED 436 ESL Family, School, & Community Partnerships  
Credits: 3
Students will discuss the standards, principles, policies, and processes of working together with families, schools, and communities in sharing the development of children.

ED 437 ESL Practicum/Student Teaching  
Credits: 6
A directed field experience intended as the capstone course in this ESL program. A minimum experience of two weeks in each of the three levels (elementary, middle, and high school) is required. Placement in practicum will be dependent on completion of all ESL licensure courses.

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.

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).

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.

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.

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: N/A

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.

Course Frequency: Fall: N/A Spring: N/A 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 450 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 453 Assessment in Elementary 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: N/A Spring: N/A 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: N/A Summer: N/A

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.

Pre-Requisites: ED 330 or ED 330 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 461 Early Childhood Internship
Credits: 4
Students will complete an extended supervised field experience in an agency serving young children and their families.

Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

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.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**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: N/A 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.

**Permissions:** Instructor's permission required  
**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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**ED 531 Foundations of Bilingual Education**  
Credits: 3  
In this class students will learn about linguistically and culturally diverse students and about themselves as professionals. Students will also examine all issues that may impact the school experiences of language minority students. The required preparation for this course is 1 year of foreign language.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 532 Understanding ESL Language Acquisition**  
Credits: 2  
This course looks at foundational literature in three areas: 1) native language acquisition, 2) second language acquisition, and 3) second language acquisition in the academic setting, where students are required to learn content and language simultaneously.

**Pre-Requisites:** ED 531  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 533 Assessment for Linguistically Diverse Students**  
Credits: 3  
Students will learn to expand their own assessment literacy as well as second language learners. Commonly used tests and techniques will be used so that students will become familiar and will be able to identify and place bilingual/ESL students in public school settings.

**Pre-Requisites:** ED 531 and ED 532  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 534 Developing Second Language Literacy**  
Credits: 3  
Students will understand the role of literacy development in content area learning so that teachers can support second language learners' literacy and content learning. The areas of communication, pattern, and variability are studied based on students' background knowledge.

**Pre-Requisites:** ED 531 and ED 532 and ED 533  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 535 Integrating ESL Content & Language Instruction**  
Credits: 3  
In this course, students learn methods to help them understand how to integrate content and language instruction in curriculum development for second language learners. Students will gain an understanding of
the SIOP (Sheltered Instruction Observation Protocol) Model of instruction for lesson planning and implementation.

Pre-Requisites: ED 531 and ED 532 and ED 533 and ED 534  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 536 ESL Family, School, & Community Partnerships  
Credtis: 3
Students will discuss the standards, principles, policies, and processes of working together with families, schools, and communities in sharing the development of children.

Pre-Requisites: ED 532  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 537 ESL Practicum/Student Teaching  
Credtis: 6
A directed field experience intended as the capstone course in this ESL program. A minimum experience of two weeks in each of the three levels (elementary, middle, and high school) is required. Placement in practicum will be dependent on completion of all ESL licensure courses.

Pre-Requisites: ED 536  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 546 Advanced Developmental Reading Methods & Research  
Credtis: 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: N/A

ED 547 Teaching of Literacy  
Credtis: 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: N/A

ED 550 Reading Assessment & Evaluation  
Credtis: 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: N/A  Spring: N/A  Summer: N/A

ED 551 Differentiated Reading Instruction  
Credtis: 3
This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students. Admission to Education Graduate program required.

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

ED 577 Working with At-Risk Youth  
Credtis: 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 578 Coordination of Services for At-Risk Youth  
Credtis: 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 581 Best Practices in Course Development  
Credtis: 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 582 Best Practices in Online Teaching  
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 583 Teaching with Technology  
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 586 Graduate Topics in Education  
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 594 Graduate Independent Study  
Additional work in a particular area, in-depth study or related projects.

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

ED 596 Graduate Workshop in Educ  
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.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 599 Internship/Field Experience/Study  
Field experience designed by requesting student and the faculty member who has agreed to help structure and supervise the experience.

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

ED 600 Research Seminar  
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: N/A Spring: N/A Summer: N/A

ED 603 School Based Management  
This course will focus on an analysis of school based management and leadership in American schools. Site visits and panel discussions of superintendents and principals are included in the program. Case studies will be reviewed and analyzed by teams of students. Leadership styles and organizational concepts will be examined. Students will conduct research of management and operations at school sites in the area. A final presentation of research by individual groups will be required.

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

ED 604 Curriculum Theory & Design  
This intensive course will provide doctoral students with a review and analysis of current brain research and educational theory. Students will actively participate in implementing teaching strategies, assessments and curriculum design. Three modules include: Modules I- Theories of Intelligence, Constructivism, Cooperative Learning and Assessment Module II- Brain Research, Theory and Applications and Module 3- Unit and Lesson Design. Classroom modules are followed by shadowing visits to selected school sites. Students will build a portfolio documenting experiences in each of the three modules. The portfolio review and final presentations will determine the final grade for the course.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 610 Professional Development for Meaningful Learning  
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: N/A Spring: N/A Summer: N/A

ED 612 Democracy, Diversity, and Education Credits: 3
Students are challenged to critically examine a diversity of culturally embedded beliefs, knowledge, processes, and organizational structures. Students will identify and demonstrate an understanding of various dimensions of inclusive, multicultural, and global education.

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

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: N/A Spring: N/A Summer: N/A

ED 618 Linking Content, Pedagogy, & Assessment Credits: 3
Students develop and refine the form and way curriculum is organized and covered using research-based instructional practices in his/her content area. Students will develop a process to assess student learning and program standards.

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

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: N/A Spring: N/A Summer: N/A

ED 622 Applied Research & Assessment in Education 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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

ED 624 Action 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 an action research project designed to improve, implement or understand the issue identified. Students conduct a review of the literature, examine and select a research design, determine data collection tools, and apply analytical processes appropriate to the initial and emerging needs of the project. Admission to Education Graduate program is required.

Pre-Requisites: ED 622 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 625 Research Based Analysis of 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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

ED 627 Action Research: Project Implementation Credits: 1 - 2
Students implement and complete their action research projects. Admission to Education Graduate program is required.

**Pre-Requisites:** ED 622 and ED 624 or ED 600 and ED 690 or ED 622 or ED 600 and ED 624

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

**ED 628 Continuing Research Education**  
Credits: 1 - 3  
This course is for graduate students who have not completed their research at the end of their final research course. Students would be required to enroll for one credit each semester until their research has been completed and approved.

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

**ED 631 Professional Development through Collegial Interaction**  
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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**ED 633 Current 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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

ED 658 Educators As Change Agents Credits: 3
Students will explore advocacy and leadership skills and their role and value in the educational setting and community. Students will engage in active leadership roles and professional development within their educational contexts.

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

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: 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: 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: 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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

ED 710 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: N/A Spring: N/A Summer: N/A

ED 712 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: N/A Spring: N/A Summer: N/A

ED 714 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: N/A Spring: N/A Summer: N/A

ED 716 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: N/A Spring: N/A Summer: N/A

ED 718 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 720 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: N/A Spring: N/A Summer: N/A

ED 722 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: N/A Spring: N/A Summer: N/A

ED 724 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 726 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 728 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: N/A Spring: N/A Summer: N/A

ED 730 Transforming Special Education Directors¿ Perspectives  Credits: 3
This course will be a Director of 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.

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

**ED 732 Internship I- Principal**  
Credits: 3  
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.

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

**ED 734 Internship II- Principal**  
Credits: 3  
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.

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

**ED 736 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 738 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 740 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 742 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 746 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: N/A Spring: N/A Summer: N/A

**ED 748 Portfolio Capstone**

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: N/A Spring: N/A Summer: N/A

**ED 748 Portfolio Capstone**

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: N/A Spring: N/A Summer: N/A

**ED 750 Special Education Law for SPED Directors**

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 754 Advanced Research Based Analysis of Educational Leadership**

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
ENGLISH • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: BA 221
Phone Number: 507-537-7155
Staff & Faculty:

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.

ENGLISH

Bachelor of Arts: Literature (42 Credits)

I. Literature Requirements: (9 Credits)
   LIT 250 Critical Approaches to Literature .................................................................................. Credits: 3

   Two of the following genre courses:
   LIT 261 Novel ................................................................................................................................. Credits: 3
   LIT 262 Short Story ....................................................................................................................... Credits: 3
   LIT 263 Poetry ................................................................................................................................. Credits: 3
   LIT 264 World Drama .................................................................................................................... Credits: 3

II. Author, Diversity, and Survey Courses: (14 Credits)
   One Author course or Three Short courses: (3 Credits)
   LIT 303 British Authors: Short Course ......................................................................................... Credits: 1 - 2
   LIT 304 American Authors: Short Course ..................................................................................... Credits: 1
   LIT 305 World Authors: Short Course .......................................................................................... Credits: 1 - 2
   LIT 306 Craft and Theory: Prose and Poetry ..................................................................................... Credits: 3
   LIT 308 Authors: Short Course ..................................................................................................... Credits: 1
   LIT 309 Authors ............................................................................................................................. Credits: 3
   LIT 324 Shakespeare: Tragedies ..................................................................................................... Credits: 3
   LIT 325 Shakespeare: Comedies ..................................................................................................... Credits: 3

   One British Literature course: (4 Credits)
   LIT 321 British Literature: Beginning through Restoration and 18th Century .......................... Credits: 4
   LIT 322 British Literature: Nineteenth and Twentieth Century ....................................................... Credits: 4

   One American Literature course: (4 Credits)
   LIT 331 American Literature: Beginning through Realism and Naturalism .......................... Credits: 4
   LIT 332 American Literature: Modern & Contemporary ................................................................. Credits: 4

   One Diversity course: (3 Credits)
   LIT 335 African American Literature ......................................................................................... Credits: 3
   LIT 340 Sexuality and Gender in Literature .................................................................................... Credits: 3
   LIT 355 Native American Literature .............................................................................................. Credits: 3
   LIT 360 Chinese Literature ............................................................................................................. Credits: 3
   LIT 375 Women's Literature .......................................................................................................... Credits: 3

III. American Language Requirements: (3 Credits)
   One American Language course: (3 Credits)
   ENG 361 Advanced Composition ................................................................................................... Credits: 3
   ENG 362 History & Structure of the English Language ..................................................................... Credits: 3
   ENG 365 Modern Grammar ............................................................................................................ Credits: 3

IV. Electives in Literature (15 Credits)
   LIT 3XX Literature courses at the 300 level or above. ..................................................................... Credits: 15

V. Capstone Course (1 Credits)
Bachelor of Arts: Literature/Creative Writing (42 Credits)

I. Creative Writing Requirements: (4 Credits)

ENG 207 Writers' Workshop ................................................................. Credits: 4

II. Creative Workshop Requirements: (16 Credits)

ENG 204 Intro to Journalism ............................................................... Credits: 4
ENG 286 Spec Topics in Writing .......................................................... Credits: 1 - 4
ENG 288 Techniques in Craft: ................................................................... Credits: 1 - 4
ENG 301 Poetry Workshop ................................................................. Credits: 4
ENG 302 Fiction Workshop ................................................................. Credits: 4
ENG 303 Screenwriting Workshop ..................................................... Credits: 4
ENG 305 Creative Non-Fiction Workshop ........................................... Credits: 4
ENG 401 Advanced Poetry Workshop ............................................... Credits: 4
ENG 404 Advanced Fiction Workshop ................................................. Credits: 4
ENG 410 Advanced Journalism for Newspapers & Magazines .......... Credits: 4
ENG 486 Advanced Topics in Writing ................................................ Credits: 1 - 4
ENG 488 Techniques in Craft ................................................................. Credits: 1 - 4

III. Literature Requirements: (14 Credits)

LIT 250 Critical Approaches to Literature .......................................... Credits: 3
LIT 306 Craft and Theory: Prose and Poetry ....................................... Credits: 3

One British Survey: (4 Credits)

LIT 321 British Literature: Beginning through Restoration and 18th Century Credits: 4
LIT 322 British Literature: Nineteenth and Twentieth Century ........ Credits: 4

One American Survey: (4 Credits)

LIT 331 American Literature: Beginning through Realism and Naturalism Credits: 4
LIT 332 American Literature: Modern & Contemporary .......... Credits: 4

IV. Literature Electives: (7 Credits)

Notes: Up to three credits of 300-level or above from approved non-departmental classes may count towards the degree.

LIT 3XX Literature courses at the 300 level or above ........................................ Credits: 3
LIT XXX Literature courses ...................................................................... Credits: 4

V. Capstone Course: (1 Credit)

ENG 495 Senior Portfolio Workshop ....................................................... Credits: 1

Bachelor of Arts: Literature/Creative Writing Notes:
The Creative Writing Program balances writing practice and literary study in the context of a liberal arts education. Students work closely with our faculty of published writers and often have the opportunity to work with writers who visit the campus as part of our reading series. The flexibility of the program allows students to choose courses which suit their needs, goals, and interests. Specific courses will be chosen with the advice and approval of their advisors and the Director of Creative Writing.

Majors should choose the letter grading option for major courses, except for Senior Portfolio, which is credit/no credit.

NOTE: An overall total of 27 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: 42

Bachelor of Science: Communication Arts and Literature/Secondary Education, English and Literature Emphasis* (44 Credits)

I. Literature/English Requirements: (29 Credits)

ENG 361 Advanced Composition ........................................................................... Credits: 3
ENG 365 Modern Grammar ...................................................................................... Credits: 3
ENG 490 Contemporary Composition Theory and Pedagogy .................................. Credits: 3
LIT 250 Critical Approaches to Literature ............................................................ Credits: 3
LIT 410 Literacy & Literature for Adolescents ....................................................... Credits: 3

One of the following courses:

LIT 261 Novel ........................................................................................................... Credits: 3
LIT 262 Short Story ..................................................................................................... Credits: 3

Total Credits: 42
Bachelor of Arts: Professional Writing and Communication (55-56 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: (20-21 Credits)
  ENG 204 Intro to Journalism ................................................................. Credits: 4
  ENG 360 Scientific & Technical Writing .................................................. Credits: 3
  ENG 361 Advanced Composition .......................................................... Credits: 3
  ENG 420 Copy Editing ........................................................................... Credits: 3
  ENG 460 Writing and New Media ........................................................... Credits: 4

One of the following:
  ENG 305 Creative Non-Fiction Workshop ............................................. Credits: 4
  SPCH 260 Introduction to Public Relations Writing ................................ Credits: 3

II. Oral Communication Core: (6 Credits)
  SPCH 303 Advanced Public Speaking ..................................................... Credits: 3

One of the following:
  SPCH 310 Persuasion ........................................................................... Credits: 3
  SPCH 330 Mass Media and Society ....................................................... Credits: 3
  SPCH 360 Organizational Communication & Interviewing Techniques .... Credits: 3
  SPCH 410 Communication Analysis ..................................................... Credits: 3

III. Visual Communication Core: (6 Credits)
  ART 102 Foundations of Art & Design 2D .......................................... Credits: 3
  ART 240 Concepts of Graphic Design .................................................. Credits: 3

IV. Professional Contexts (6 Credits)
  Notes:
  Select one course from two different perspective areas.

Total Credits: 44
Perspectives from Business

BADM 305  Business Law I ................................................................. Credits: 3
MGMT 300  Management Principles .................................................. Credits: 3
MGMT 330  Organizational Behavior and Theory ................................ Credits: 3
MGMT 450  Diversity Management ................................................... Credits: 3

Perspectives from Marketing

MKTG 301  Principles of Marketing .................................................. Credits: 3

Perspectives from Ethics

PHIL 103  Ethics ............................................................................. Credits: 3
PHIL 105  Ethical Issues in Business ................................................ Credits: 3
PHIL 107  Environmental Ethics ....................................................... Credits: 3

Perspectives from Politics and Public Administration

PBAD 320  Public Theory, Policy, & Organization .............................. Credits: 3
POL 324  Local & Rural Politics ....................................................... Credits: 3
POL 340  Public Policy & Administration ......................................... Credits: 3

Perspectives from Psychology

PSYC 318  Group Dynamics ........................................................... Credits: 3
PSYC 325  Attitudes & Persuasion .................................................... Credits: 3

V. History and Theory (6 Credits)

ENG 362  History & Structure of the English Language ...................... Credits: 3
ENG 492  Theory & Practice of Professional Writing ............................ Credits: 3

Notes:
* In consultation with their advisor and at least one faculty member from the relevant program, students will select and design a professional expertise area. An expertise area should include at least three classes, with at least six credits taken at the 300 level or above. Possible areas may include but are not limited to: public relations, journalism, technical writing, linguistics/composition, accounting, management, marketing, computer science, a natural science, new media, graphic design, or communication theory. Students may also use an existing SMSU minor to fulfill the requirements in this area.

VI. Professional Expertise Area (9 Credits)

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: 55-56

Minor: Literature (22 Credits)

I. Literature Requirements

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

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: 4
LIT 322  British Literature: Nineteenth and Twentieth Century ................ Credits: 4
LIT 331  American Literature: Beginning through Realism and Naturalism Credits: 4
LIT 332  American Literature: Modern & Contemporary ......................... Credits: 4
LIT 370  Contemporary World Literature ........................................... Credits: 3

II. Writing Requirements:

Notes: One of the following:

ENG 207  Writers' Workshop ............................................................. Credits: 4
ENG 301  Poetry Workshop ............................................................... Credits: 4
ENG 302  Fiction Workshop .............................................................. Credits: 4
ENG 303  Screenwriting Workshop ................................................... Credits: 4
ENG 304  Special Projects ................................................................. Credits: 1 - 4
ENG 305  Creative Non-Fiction Workshop ........................................ Credits: 4
ENG 310  Writing for Magazines ....................................................... Credits: 4
ENG 360  Scientific & Technical Writing ........................................... Credits: 3
ENG 361  Advanced Composition ..................................................... Credits: 3
ENG 401  .......................................................................................
### III. Literature Elective Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT 3XX</td>
<td>LIT courses 300 level or above</td>
<td>10</td>
</tr>
</tbody>
</table>

**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 (20 Credits)

#### I. Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 207</td>
<td>Writers' Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 361</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
</tbody>
</table>

#### II. Elective Courses* (16-17 Credits):

**Creative Writing Option: (Suggested Courses)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 286</td>
<td>Spec Topics in Writing</td>
<td>1-4</td>
</tr>
<tr>
<td>ENG 301</td>
<td>Poetry Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 302</td>
<td>Fiction Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 303</td>
<td>Screenwriting Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 305</td>
<td>Creative Non-Fiction Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 310</td>
<td>Writing for Magazines</td>
<td>4</td>
</tr>
<tr>
<td>ENG 401</td>
<td>Advanced Poetry Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 404</td>
<td>Advanced Fiction Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 486</td>
<td>Advanced Topics in Writing</td>
<td>1-4</td>
</tr>
</tbody>
</table>

**Professional, Technical, or Scientific Writing Option: (Suggested Courses)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 200</td>
<td>Student Publications</td>
<td>1-3</td>
</tr>
<tr>
<td>ENG 204</td>
<td>Intro to Journalism</td>
<td>4</td>
</tr>
<tr>
<td>ENG 286</td>
<td>Spec Topics in Writing</td>
<td>1-4</td>
</tr>
<tr>
<td>ENG 305</td>
<td>Creative Non-Fiction Workshop</td>
<td>4</td>
</tr>
<tr>
<td>ENG 310</td>
<td>Writing for Magazines</td>
<td>4</td>
</tr>
<tr>
<td>ENG 360</td>
<td>Scientific &amp; Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 410</td>
<td>Advanced Journalism for Newspapers &amp; Magazines</td>
<td>4</td>
</tr>
<tr>
<td>ENG 486</td>
<td>Advanced Topics in Writing</td>
<td>1-4</td>
</tr>
<tr>
<td>ENG 490</td>
<td>Contemporary Composition Theory and Pedagogy</td>
<td>3</td>
</tr>
<tr>
<td>SPCCH 260</td>
<td>Introduction to Public Relations Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Minor: Writing Notes:**

* At least 12 credits must be at the 300 or 400 level.

**Total Credits: 20**

### ENG 100 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: N/A Spring: N/A 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.

**Goals:** Humanities/Fine Arts (06)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

### 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, beginning with more personal, or "reflective," writing and moving on to expository writing and argument. 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. Students must meet minimum writing objectives as determined by the English Department.
Department's placement procedures in order to be placed into this course.

**Goals:** Communication (01) **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**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.

**Permissions:** Instructor's permission required **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ENG 204 Intro to Journalism** **Credits:** 4
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 up to a maximum of 8 credits.

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

**ENG 207 Writers' Workshop** **Credits:** 4
This course is designed for students interested in writing poetry and fiction. Assumes the student has had an introductory course in creative writing.

**Pre-Requisites:** ENG 107 **Course Frequency:** Fall: N/A Spring: N/A 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 will learn what it means to be part of the workforce of the 21st century while developing the practical writing skills necessary beyond their undergraduate studies. Students are advised to take these courses during their sophomore year.

**Pre-Requisites:** ENG 151 or ENG 103 **Goals:** Communication (01) **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

**ENG 292 Honors Credit in American Language** **Credits:** 1
This course allows more in-depth or comprehensive study or research by students concurrently enrolled in at least one other American Language course.

**Permissions:** Instructor's permission required **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ENG 301 Poetry Workshop** **Credits:** 4
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: N/A Spring: N/A Summer: N/A

**ENG 302 Fiction Workshop** **Credits:** 4
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: N/A Spring: N/A Summer: N/A

**ENG 303 Screenwriting Workshop** **Credits:** 4
This course is for students interested in writing screenplays and/or scripts. Students' written work is the subject of the course. The course may be repeated up to a maximum of 8 credits.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
ENG 304 Special Projects
This course involves advanced work, primarily tutorial, and an individual writing project of some complexity.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ENG 305 Creative Non-Fiction Workshop
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: N/A Summer: N/A

ENG 310 Writing for Magazines
This course introduces students to the varied styles of magazine writing. Students will concentrate on identifying an audience, developing a focus, and writing one or more magazine-length articles during the course.

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

ENG 331 Business Communications
The analysis, interpretation, presentation, and effective writing of letters, memos, reports, and other types of business documents.

Pre-Requisites: ENG 102 and junior status. ENG 103 or junior status. ENG 151 junior status.
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ENG 360 Scientific & Technical Writing
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 102 and ENG 103 or ENG 151
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ENG 361 Advanced Composition
Required of all Literature/Language Arts Education majors and minors (but open to all non-majors), this course studies writing more intensively than the introductory rhetoric sequence permits. It focuses especially on matters of organization, style, and syntax. Useful for pre-law and other pre-professional majors.

Pre-Requisites: ENG 151 or ENG 102 and ENG 103
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ENG 362 History & Structure of the English Language
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: N/A Spring: N/A Summer: N/A

ENG 365 Modern Grammar
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: N/A Summer: N/A

ENG 401 Advanced Poetry Workshop
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: N/A Summer: N/A

ENG 404 Advanced Fiction Workshop
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: N/A Summer: N/A

ENG 410 Advanced Journalism for Newspapers & Magazines Credits: 4
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 or ENG 204 Course Frequency: Fall: N/A Spring: N/A 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: N/A 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: N/A 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 or junior status. ENG 102 and junior status. ENG 103 junior status. Course Frequency: Fall: N/A 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: N/A Spring: N/A 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.

Pre-Requisites: ENG 207 junior status. Course Frequency: Fall: N/A Spring: N/A 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 junior status. Permissions: Instructor's permission required Course Frequency: Fall: N/A 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: N/A 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.

8 of 13 5/15/13 2:59 PM
Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ENG 495 Senior Portfolio Workshop**  
Credits: 1  
This workshop is the required capstone for all creative writing majors. It involves assembling and revising a substantial and representative portfolio of the student's best work in fiction, non-fiction, poetry, screenwriting, and/or essays. As part of the creative writing capstone, this class culminates in a required public reading from the student's portfolio.

Course Frequency: Fall: N/A 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.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**ENG 586 Special Topics in Composition and Rhetoric**  
Credits: 1 - 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: N/A

**ENG 675 Rhetoric, Literacy, and the Teaching of Writing**  
Credits: 4  
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.

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

**ENG 686 Special Topics in Composition and Rhetoric**  
Credits: 1 - 4

**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.

Goals: Humanities/Fine Arts (06), Diversity (07)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**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.

Goals: Humanities/Fine Arts (06)  
Course Frequency: Fall: N/A Spring: N/A 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.

Goals: Humanities/Fine Arts (06), Global (08)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**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.

Goals: Humanities/Fine Arts (06), People/Environmental (10)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**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.

Goals: Humanities/Fine Arts (06)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**LIT 250 Critical Approaches to Literature**  
Credits: 3  
This course introduces students to 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.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Pre-Requisites: ENG 103 or ENG 151  

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

Credits: 3

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

Goals: Humanities/Fine Arts (06)  

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

Credits: 3

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

Goals: Humanities/Fine Arts (06)  

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

Credits: 3

This course introduces students to poetry as a literary form.

Goals: Humanities/Fine Arts (06)  

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

Credits: 3

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

Goals: Humanities/Fine Arts (06), Global (08)

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

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.

Goals: Humanities/Fine Arts (06)  

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

Credits: 3

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: N/A  Spring: N/A  Summer: N/A

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 Literature course.

Permissions: Instructor's permission required

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

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: N/A  Spring: N/A  Summer: N/A

Credits: 1

A study of one American 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: N/A  Spring: N/A  Summer: N/A

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: N/A  Spring: N/A  Summer: N/A

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: N/A Spring: N/A Summer: N/A

LIT 308 Authors: Short Course
Credits: 1
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: N/A Spring: N/A Summer: N/A

LIT 309 Authors
Credits: 3

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: N/A Spring: N/A Summer: N/A

LIT 321 British Literature: Beginning through Restoration and 18th Century
Credits: 4
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: N/A Spring: N/A Summer: N/A

LIT 322 British Literature: Nineteenth and Twentieth Century
Credits: 4
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 102 and ENG 103 or ENG 151 Course Frequency: Fall: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

LIT 331 American Literature: Beginning through Realism and Naturalism
Credits: 4
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: N/A Spring: N/A Summer: N/A

LIT 332 American Literature: Modern & Contemporary
Credits: 4
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: N/A 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.

Course Frequency: Fall: N/A 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.

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

LIT 350 Western American Literature
Credits: 3
This course covers representative literature of the American westering experience and includes such topics as the mountain man, the pioneer, the Native American, the homesteader and the ecologist in the modern West.
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.

LIT 360 Chinese Literature  
Credits: 3  
This course is an introduction to basic ideas, philosophies, and works of literature in Chinese culture. It includes a description of the Chinese language and some examples of contemporary literature, for example, BiBai, TuFu, Laotze and GuHua.

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.

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-Requirements: ENG 151  
Course Frequency: Fall: N/A Spring: N/A 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.

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.

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.

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.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

LIT 495 Senior Seminar  
Credits: 1  
The capstone class for senior Literature students in which they demonstrate through a collection of their best written work their mastery of literary skills. See separate department handout. Credit/no credit only.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A 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: N/A

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: N/A

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 • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Emily Deaver, Thomas Dilley

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.

ENVIRONMENTAL SCIENCE

Bachelor of Science: Environmental Science, Natural Science Option (72-75 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: (62-63 Credits)

Environmental Science Courses: (20 Credits)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENVS 101</td>
<td>Physical Geology</td>
<td>3</td>
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<tr>
<td>ENVS 101L</td>
<td>Physical Geology Lab</td>
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<tr>
<td>ENVS 102</td>
<td>Historical Geology</td>
<td>3</td>
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<td>ENVS 102L</td>
<td>Historical Geology Lab</td>
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<tr>
<td>ENVS 107</td>
<td>Introduction to ArcGIS</td>
<td>2</td>
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<td>ENVS 180</td>
<td>Environmental Science: Introduction</td>
<td>3</td>
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<tr>
<td>ENVS 180L</td>
<td>Environmental Science: Introduction Lab</td>
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<td>ENVS 301</td>
<td>Basic Soil Science</td>
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<td>Basic Soil Science Lab</td>
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<td>ENVS 390</td>
<td>Research Methods in Environmental Science</td>
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<tr>
<td>ENVS 400</td>
<td>Environmental Data Analysis &amp; Presentation</td>
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Biology Courses: (16 Credits)

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<td>Cell Biology</td>
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<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
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<td>BIOL 301</td>
<td>Zoology</td>
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<td>BIOL 302</td>
<td>Botany</td>
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<td>BIOL 302L</td>
<td>Botany Lab</td>
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<td>BIOL 311</td>
<td>Ecology</td>
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Chemistry Courses: (9 Credits)

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<td>CHEM 231L</td>
<td>General Chemistry I Lab</td>
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<td>CHEM 232</td>
<td>General Chemistry II</td>
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<td>CHEM 232L</td>
<td>General Chemistry II Lab</td>
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Physics Courses: (8 Credits)

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<td>PHYS 142</td>
<td>College Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 142L</td>
<td>College Physics II Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

Choose one MATH course: (3 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td>MATH 200</td>
<td>Intro to Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: * MATH 200: May substitute other statistics course with program approval

Humanities Courses: (6 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 360</td>
<td>Scientific &amp; Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 107</td>
<td>Environmental Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>
II. Restricted Electives: (10-12 Credits)

Take three courses, at least one must include a lab:

AGBU 350 Agricultural Law & Environment  
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
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 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: 72-75

Bachelor of Science: Environmental Science, Humanity and Environment Option (67-70 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: (44-45 Credits)

**Environmental Science Courses: (20 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 101</td>
<td>Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 101L</td>
<td>Physical Geology Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 102</td>
<td>Historical Geology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 102L</td>
<td>Historical Geology Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 107</td>
<td>Introduction to ArcGIS</td>
<td>2</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Environmental Science: Introduction</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180L</td>
<td>Environmental Science: Introduction Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 301</td>
<td>Basic Soil Science</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 301L</td>
<td>Basic Soil Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 390</td>
<td>Research Methods in Environmental Science</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 400</td>
<td>Environmental Data Analysis &amp; Presentation</td>
<td>1</td>
</tr>
</tbody>
</table>

**Biology Courses: (8 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 200</td>
<td>Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 302</td>
<td>Botany</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 302L</td>
<td>Botany Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

**Chemistry Courses: (8 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121</td>
<td>Basic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 121L</td>
<td>Basic Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 122</td>
<td>Introductory Organic/Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 122L</td>
<td>Introduction to Organic/Biochemistry Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

Notes: *CHEM 121, CHEM 122: May substitute CHEM 231, 232 (9 credits)

**Humanities Courses: (6 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 360</td>
<td>Scientific &amp; Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 107</td>
<td>Environmental Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one **MATH course: (3 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
</tbody>
</table>
II. Restricted Science Electives:

Take two of the following; at least one must include a lab: (7-8 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 301</td>
<td>Zoology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 301L</td>
<td>Zoology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 310</td>
<td>Natural History of Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 310L</td>
<td>Natural History of Vertebrates Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 302</td>
<td>Geomorphology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 311</td>
<td>Environmental Geology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 312</td>
<td>Rocks &amp; Minerals</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 351</td>
<td>Environmental Toxicology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 352</td>
<td>Plant Nutrients in the Environment</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 401</td>
<td>Wetland Ecology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 401L</td>
<td>Wetland Ecology Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 426</td>
<td>Soil Morphology &amp; Genesis</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 426L</td>
<td>Soil Morphology &amp; Genesis Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 486</td>
<td>Advanced Special Topics</td>
<td>3</td>
</tr>
</tbody>
</table>

III. Restricted Humanities Electives: (15 Credits)

Choose five (5) upper-division courses from three (3) areas of study:

<table>
<thead>
<tr>
<th>Area</th>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU</td>
<td>AGBU 3XX</td>
<td>Agribusiness Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>BADM</td>
<td>BADM 3XX</td>
<td>Business Admin Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>ECON</td>
<td>ECON 3XX</td>
<td>Economics Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>EDU</td>
<td>EDU 3XX</td>
<td>Education Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>ENG</td>
<td>ENG 3XX</td>
<td>English Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>FIN</td>
<td>FIN 3XX</td>
<td>Finance Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>GEOG</td>
<td>GEOG 3XX</td>
<td>Geography Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>HIST</td>
<td>HIST 3XX</td>
<td>History Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>JUAD</td>
<td>JUAD 3XX</td>
<td>Justice Admin Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>MGMT</td>
<td>MGMT 3XX</td>
<td>Management Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>PHIL</td>
<td>PHIL 3XX</td>
<td>Philosophy Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>POL</td>
<td>POL 3XX</td>
<td>Political Science Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>PSYC</td>
<td>PSYC 3XX</td>
<td>Psychology Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>SOCI</td>
<td>SOCI 3XX</td>
<td>Sociology Courses numbered 300 or above</td>
<td>3</td>
</tr>
<tr>
<td>SPCH</td>
<td>SPCH 3XX</td>
<td>Speech Comm Courses numbered 300 or above</td>
<td>3</td>
</tr>
</tbody>
</table>

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: 67-70

Minor: Environmental Science (30-33 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: (24-25 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 101</td>
<td>Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 101L</td>
<td>Physical Geology Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Environmental Science: Introduction</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180L</td>
<td>Environmental Science: Introduction Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 390</td>
<td>Research Methods in Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 400</td>
<td>Environmental Data Analysis &amp; Presentation</td>
<td>1</td>
</tr>
</tbody>
</table>

Notes:

Take ONE course from each group (A-D):

Group A.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 100</td>
<td>Biology in Modern World</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 100L</td>
<td>Biology in Modern World Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 200</td>
<td>Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

Group B.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121</td>
<td>Basic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 121L</td>
<td>Basic Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 231</td>
<td>General Chemistry 1</td>
<td>3</td>
</tr>
</tbody>
</table>
CHEM 231L  General Chemistry I Lab ................................................................. Credits: 1

Group C.
FIN 230  Business Statistics I ................................................................. Credits: 3
MATH 140  Calculus: A Short Course ......................................................... Credits: 3
MATH 200  Intro to Statistics ........................................................................ Credits: 3
PSYC 200  Statistics for the Behavioral Sciences ........................................ Credits: 3

Group D.
ENVS 102  Historical Geology ................................................................. Credits: 3
ENVS 102L  Historical Geology Lab ............................................................. Credits: 1
ENVS 120  Regional Geography of US & Canada ....................................... Credits: 3
ENVS 301  Basic Soil Science ................................................................. Credits: 3
ENVS 301L  Basic Soil Science Lab ............................................................. Credits: 1
ENVS 303  Meteorology ........................................................................... Credits: 3
ENVS 310  Hydrology ............................................................................... Credits: 3
ENVS 310L  Hydrology Lab ........................................................................ Credits: 1

II. Select ONE of the following options*: (6-8 Credits)

Natural Science Option: (Choose TWO courses; ONE must include a lab)
BIOL 301  Zoology .................................................................................... Credits: 3
BIOL 301L  Zoology 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
ENVS 302  Geomorphology ...................................................................... Credits: 3
ENVS 311  Environmental Geology ......................................................... Credits: 3
ENVS 312  Rocks & Minerals .................................................................... 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

Social Environment Option: (Choose courses from two different 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 Social Environment Electives. One course at the 200-level MAY be allowed but only with the approval of the student's Environmental Science advisor.

Total Credits: 30-33

Minor: Geology (29 Credits)
The Geology Minor provides an opportunity to study earth science processes, problems and solutions from several points of view. Students completing the Geology Minor will have a solid core of physical environmental science. This minor is suitable for both science and non-science majors.

I. Required Courses: (29 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
ENVS 120  Regional Geography of US & Canada ..................................... Credits: 3
ENVS 301  Basic Soil Science .................................................................... Credits: 3
ENVS 301L  Basic Soil Science Lab ............................................................. Credits: 1
ENVS 302 Geomorphology  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

Total Credits: 29

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.

Goals: Natural Sciences (03), People/Environmental (10)  Course Frequency: Fall: On Demand Spring: N/A

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.

Goals: Natural Sciences (03), People/Environmental (10)  Course Frequency: Fall: On Demand Spring: N/A

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.

Goals: Natural Sciences (03)  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.

Goals: Natural Sciences (03)  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.

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.
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.

ENVS 121L Introductory Astronomy Lab
Credits: 1

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.

Goals: Natural Sciences (03), People/Environmental (10) 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.

Goals: Natural Sciences (03), People/Environmental (10) 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.

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: On Demand 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: On Demand 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: On Demand 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:** ENVS 101 and MATH 110 or MATH 115 or MATH 140

**Course Frequency:** Fall: On Demand 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.

**Course Frequency:** Fall: On Demand 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: Odd Years 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: On Demand Spring: N/A 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.

**Course Frequency:** Fall: On Demand Spring: N/A 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: On Demand 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:** BIOL 200 and CHEM 121 and ENVS 180

**Course Frequency:** Fall: N/A Spring: On Demand 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: On Demand 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.
ENVS 251 Course Frequency: Fall: On Demand Spring: N/A

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.

ENVS 390 Research Methods in Environmental Science Credits: 1

ENVS 390 Research Methods in Environmental Science Credits: 1

ENVS 101 and junior status. ENVS 180 junior status. Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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.

ENVS 400 Environmental Data Analysis & Presentation 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.

ENVS 401 Wetland Ecology Credits: 3

ENVS 401 Wetland Ecology Credits: 3

ENVS 121 or CHEM 231 Course Frequency: Fall: Even Years Spring: N/A Summer: N/A

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.

ENVS 401L Wetland Ecology Lab Credits: 1

ENVS 401L Wetland Ecology Lab Credits: 1

ENVS 301 and junior status. BIOL 302 junior status. Course Frequency: Fall: Odd Years Spring: N/A Summer: N/A

ENVS 406 Limnology Credits: 3

ENVS 406 Limnology Credits: 3

Energetics, nutrient cycling, productivity and pollution of lakes and streams; abiotic and biotic diversity of aquatic ecosystems.

ENVS 406L Limnology Lab Credits: 1

ENVS 406L Limnology Lab Credits: 1

ENVS 301 and junior status. BIOL 302 junior status. Course Frequency: Fall: Odd Years Spring: N/A Summer: N/A

ENVS 426 Soil Morphology & Genesis Credits: 3

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.

ENVS 426L Soil Morphology & Genesis Lab Credits: 1

ENVS 426L Soil Morphology & Genesis Lab Credits: 1

ENVS 251 Course Frequency: Fall: On Demand Spring: N/A Summer: N/A

ENVS 486 Advanced Special Topics Credits: 1 - 3

ENVS 486 Advanced Special Topics Credits: 1 - 3

ENVS 494 Independent Study 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.

Permissions: Instructor's permission required Course Frequency: Fall: All Years Spring: All Years Summer: N/A

ENVS 499 Internship in Environmental Science Credits: 1 - 15

ENVS 499 Internship in Environmental Science Credits: 1 - 15

Supervised experiences in learning situations that cannot be obtained on campus.

Permissions: Instructor's permission required Course Frequency: Fall: All Years Spring: All Years Summer: N/A
# EXERCISE SCIENCE • 2012-2013

*Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.*

**Department Office:** SM 178  
**Phone Number:** 507-537-6178  
**Staff & Faculty:** Jeffrey Bell, Kris Cleveland, Brent Jeffers

## EXERCISE SCIENCE

### Bachelor of Science: Exercise Science (66 Credits)

#### 1. Required Physical Education Courses: (33 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXSC 100</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 100L</td>
<td>Anatomical Kinesiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 300</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 325</td>
<td>Nutrition &amp; Exercise</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 350</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 350L</td>
<td>Exercise Physiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 400</td>
<td>Motor Learning &amp; Development</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 450</td>
<td>Exercise Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>EXSC 450L</td>
<td>Exercise Physiology II Lab Seminar</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 475</td>
<td>Measurement &amp; Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 480</td>
<td>Principles of Training &amp; Conditioning</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 490</td>
<td>Fitness Assessment &amp; Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 499</td>
<td>Professional Practicum</td>
<td>1 - 12</td>
</tr>
</tbody>
</table>

Notes: EXSC 499 Professional Internship must be taken for 4 credits.

#### 2. Required Biology Courses: (13 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 104</td>
<td>Medical Terminology</td>
<td>1</td>
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<tr>
<td>BIOL 200</td>
<td>Cell Biology</td>
<td>3</td>
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<tr>
<td>BIOL 200L</td>
<td>Cell Biology Lab</td>
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<tr>
<td>BIOL 305</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 305L</td>
<td>Human Anatomy &amp; Physiology I Lab</td>
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<tr>
<td>BIOL 306</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 306L</td>
<td>Human Anatomy &amp; Physiology II Lab</td>
<td>1</td>
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</tbody>
</table>

#### 3. Required Chemistry Courses (9 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CHEM 231</td>
<td>General Chemistry I</td>
<td>3</td>
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<tr>
<td>CHEM 231L</td>
<td>General Chemistry I Lab</td>
<td>1</td>
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<tr>
<td>CHEM 232</td>
<td>General Chemistry II</td>
<td>3</td>
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<tr>
<td>CHEM 232L</td>
<td>General Chemistry II Lab</td>
<td>2</td>
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</table>

#### 4. Required Health Courses (5 Credits)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>HLTH 110</td>
<td>First Aid and Safety/CPR</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 232</td>
<td>Nutrition</td>
<td>3</td>
</tr>
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</table>

#### 5. Required Math Course: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 200</td>
<td>Intro to Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### 6. Required English Course: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 360</td>
<td>Scientific &amp; Technical Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 66

## Minor: Exercise Science (21 Credits)

#### 1. Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXSC 100</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 100L</td>
<td>Anatomical Kinesiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 300</td>
<td>Biomechanics of Human Motion</td>
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</tr>
<tr>
<td>EXSC 350</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 350L</td>
<td>Exercise Physiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 475</td>
<td>Measurement &amp; Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>EXSC 490</td>
<td>Fitness Assessment &amp; Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 377</td>
<td>Principles of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 232</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 100</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 100L</td>
<td>Anatomical Kinesiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 150</td>
<td>Exercise Training and Assessment</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 151</td>
<td>Human Performance and Assessment</td>
<td>2</td>
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<tr>
<td>EXSC 201</td>
<td>Sport Psychology</td>
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</tr>
<tr>
<td>EXSC 286</td>
<td>Special Topics</td>
<td>1-4</td>
</tr>
<tr>
<td>EXSC 300</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 325</td>
<td>Nutrition &amp; Exercise</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 350</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 21

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

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**EXSC 100 Anatomical Kinesiology**

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 150 Exercise Training and Assessment**

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: On Demand Spring: On Demand Summer: N/A

**EXSC 286 Special Topics**

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

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

**EXSC 325 Nutrition & Exercise**

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 350 and HLTH 232 or HLTH 232 and PE 391 or HLTH 232 and PE 391

**EXSC 350 Exercise Physiology**

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: On Demand
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: On Demand

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 or PE 285 or PE 285  Course Frequency: Fall: All Years Spring: All Years Summer: N/A

EXSC 450 Exercise Physiology II  Credits: 4
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: BIOL 200 and PE 285 and PE 385 and PE 391 or BIOL 200 and EXSC 100 and EXSC 300 and EXSC 350  Course Frequency: Fall: N/A Spring: All Years Summer: N/A

EXSC 450L Exercise Physiology II Lab Seminar  Credits: 2
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 475 Measurement & Evaluation  Credits: 3
This course will teach Exercise Science majors the skills and knowledge necessary to measure, evaluate, and assess physical performance. Content examines the application and interpretation of statistical and research design in the field of exercise and human performance.

Pre-Requisites: PE 101  Course Frequency: Fall: All Years Spring: N/A 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 Associations Certified Strength Conditioning Specialist, CSCS, exam.

Pre-Requisites: HLTH 332 and PE 385 and PE 391 and PE 480  Course Frequency: Fall: N/A Spring: All Years Summer: N/A

EXSC 486 Topics 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.

Permissions: Instructor's permission required  Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

EXSC 490 Fitness Assessment & Exercise Prescription  Credits: 3
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 in Health & Fitness Specialist.

Pre-Requisites: EXSC 100 and EXSC 300 and EXSC 325 and HLTH 332 and PE 285 and PE 385 and PE 391 or EXSC 350 or PE 391  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.

Permissions: Instructor's permission required  Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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 • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Susan Jones, George Seldat

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.

FINANCE

Bachelor of Science: Finance (60 Credits)

Pre-Finance Requirements:

Notes:

Students seeking a B.S. in Finance must complete the Pre-Finance requirements.

Pre-Finance requirements for students accepted as major in Finance are:

1. Earn a grade of “C” or better in the following courses:
   a. MATH 115 (Finite Mathematics) or MATH 140 (Calculus, A Short Course) or a higher-level calculus course.
   b. ENG 151 (Academic Writing)
   c. SPCH 110 (Essentials of Speaking and Listening)
2. If a student earns a grade of “C–” or less in any of the above courses, then the student would be required to retake the course(s), and earn a grade of “C” or better prior to admission to the Finance program.
3. Prior to admission to the Finance program, a student must have earned a cumulative GPA of 2.5 or better within 27 credits of Minnesota Transfer Curriculum (MnTC). Of the 27 credits of MnTC courses used to determine the GPA, the following courses must be included: MATH 115 or MATH 140 or higher-level calculus course; ENG 151; and SPCH 110. No courses outside the MnTC will be used to determine the GPA for entry into the Finance major program.
4. The Finance faculty relies upon active advising and up-to-date record keeping to assure that qualified students are admitted as full Finance majors. Students who have not yet met the pre-finance requirements are provided with advice and guidance to pursue entry into the program. Entrance into the program should be planned for the second semester of the sophomore year or the first semester of the junior year.
5. The above pre-finance requirements for admission to the Finance program are separate from Minnesota Transfer Curriculum (MnTC) requirements. All students, including transfer and honor students, who plan to major in Finance must meet or exceed the Pre-Finance requirements.
6. Students in the Honors Program at SMSU may satisfy the pre-finance requirements for ENG 151 by completing their approved Honors Curriculum. The other requirements, including MATH 115, MATH 140 or a higher-level calculus course, SPCH 110 and the requirements 2-5 above, must be completed as indicated.

I. Business Core Courses: (33 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BADM 305</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 470</td>
<td>International Business &amp; Economics</td>
<td>3</td>
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<tr>
<td>FIN 230</td>
<td>Business Statistics I</td>
<td>3</td>
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</tbody>
</table>
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

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

Notes:
Students who choose to complete more than one concentration cannot double-count courses across concentrations.

III. Concentrations (15 Credits)
A. Financial Planning Investments Concentration**
ACCT 350  Federal Tax I ......................................................................................................................... Credits: 3
BADM 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: (3 Credits)
ACCT 340  Cost Accounting I .................................................................................................................. Credits: 3
ACCT 451  Federal Tax II .......................................................................................................................... Credits: 3
AGBU 330  Commodity Futures & Options Trading ............................................................................. Credits: 3
BADM 355  Business Law II ....................................................................................................................... Credits: 3
BADM 365  Real Estate ............................................................................................................................. 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 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: (6 Credits)
AGBU 330  Commodity Futures & Options Trading ............................................................................. Credits: 3
BADM 355  Business Law II ....................................................................................................................... Credits: 3
BADM 360  Insurance and Risk Management ......................................................................................... Credits: 3
BADM 365  Real Estate ............................................................................................................................. Credits: 3
ECON 328  Money and Banking ................................................................................................................ Credits: 3
ECON 380  Public Finance ........................................................................................................................ 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: 60

Minor: Finance (27 Credits)
A. Business Core Courses: (12 Credits)
ACCT 211  Principles of Accounting I ..................................................................................................... Credits: 3
ACCT 212  ..................................................................................................................................................
### B. Finance Courses (15 Credits)

1. **Required Courses: (9 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>FIN 457</td>
<td>Corporate Finance I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 458</td>
<td>Corporate Finance II</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Elective Courses: (6 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 360</td>
<td>Agricultural Finance</td>
<td>3</td>
</tr>
<tr>
<td>BADM 360</td>
<td>Insurance and Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>BADM 365</td>
<td>Real Estate</td>
<td>3</td>
</tr>
<tr>
<td>ECON 328</td>
<td>Money and Banking</td>
<td>3</td>
</tr>
<tr>
<td>ECON 380</td>
<td>Public Finance</td>
<td>3</td>
</tr>
<tr>
<td>FIN 330</td>
<td>Financial Management for Small Business</td>
<td>3</td>
</tr>
<tr>
<td>FIN 352</td>
<td>Analyzing Financial Statements</td>
<td>3</td>
</tr>
<tr>
<td>FIN 354</td>
<td>Working Capital Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 365</td>
<td>Personal Financial Planning</td>
<td>3</td>
</tr>
<tr>
<td>FIN 370</td>
<td>Capital Budgeting</td>
<td>3</td>
</tr>
<tr>
<td>FIN 375</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>FIN 460</td>
<td>Business Forecasting</td>
<td>3</td>
</tr>
<tr>
<td>FIN 491</td>
<td>Senior Seminar-Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: * Elective courses for the finance minor cannot be double-counted to meet the requirements for another major or minor.

**Total Credits: 27**

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**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 140 or MATH 150
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**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 or BADM 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: N/A Spring: N/A Summer: N/A

**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 ACCT 212 and FIN 230
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**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 or BADM 350 and FIN 230 or BADM 230 and FIN 350 or BADM 230 and BADM 350
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
FIN 353 Healthcare Financial Management  
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  
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 or BADM 350  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FIN 356 Principles of Leasing  
Provides a practical overview of equipment leasing as it is conducted in the United States. Key topics 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 365 Personal Financial Planning  
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 or BADM 350  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FIN 370 Capital Budgeting  
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 or BADM 350  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FIN 375 Investments  
Principles of investments with emphasis on security appraisal and portfolio composition.

Pre-Requisites: FIN 350 or BADM 350  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FIN 457 Corporate Finance I  
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: ACCT 211 and ACCT 212 and BADM 230 and FIN 350 or ACCT 211 and ACCT 212 and BADM 230 and BADM 350 ACCT 212 and FIN 350 or ACCT 211 and ACCT 212 and BADM 350 and FIN 230 or ACCT 211 and ACCT 212 and BADM 350 and FIN 230 or ACCT 211 and Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FIN 458 Corporate Finance II  
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 457 or BADM 357  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FIN 460 Business Forecasting  
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 or BADM 230 and ECON 201  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

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.

Permissions: Instructor's permission required  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 senior status.  Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FIN 495 Senior Examination  Credits: 0
A comprehensive examination covering the Finance major.

Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A Summer: N/A
FOREIGN LANGUAGES • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: BA 109
Phone Number: 507-537-7206
Staff & Faculty: Elma Dasbach, Christopher French, Diane Leslie, David Paulson

The Foreign Language Program seeks to develop proficiency in listening, speaking, reading and writing a second language, and to introduce the student to the literature and civilization of another country in order to broaden his/her perspective and increase his/her understanding and sensitivity of a foreign culture. Graduates may enter careers in international business, education, the tourism and hospitality industries, and government service.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

FOREIGN LANGUAGES

French
Minor: French (12 Credits)

Required Courses:

FREN 3XX French courses at the 300 level or above. Credits: 12

German (Not Currently Being Offered)

Minor: German (12 Credits)

Required Courses

GER 3XX German courses at 300 level or above Credits: 12

German (Not Currently Being Offered) Notes:

Note: This minor is not offered during the current catalog period (July 1, 2011-June 30, 2012).

Spanish

The Spanish major is under review. While we review the curriculum of our Spanish major, no new students will be admitted to the Bachelor of Arts: Spanish major or the K-12 Spanish Education Endorsement. Courses included in the Spanish Minor will continue to be offered.

Bachelor of Arts: Spanish (32 Credits)

SPAN 201 Intermediate Spanish I Credits: 4
SPAN 202 Intermediate Spanish II Credits: 4
SPAN 3XX Spanish Courses at the 300 level or above Credits: 24

Notes:

* SPAN 201/SPAN 202: Students with appropriate preparation and/or background may be exempt from SPAN 201 and SPAN 202. Please contact the Spanish faculty for more information.

Minor: Spanish (12 Credits)

SPAN 3XX Spanish Courses at the 300 level or above Credits: 12

Classical Studies

Minor: Classical Studies (21 Credits)

I. Basic Requirements: (18 Credits)

HIST 242 Eur Civ I: Ancient & Medieval Europe Credits: 3
LIT 310 Greek Myth & Literature Credits: 3

II. Three credits chosen from the following courses: (3 Credits)

ART 250 Ancient Art History Credits: 3
MATH 305 History of Mathematics Credits: 3
PHIL 330 History of Philosophy I: Values Credits: 3
PHIL 331 History of Philosophy II: Human Institutions Credits: 3
PHIL 432 History of Philosophy III Credits: 4
POL 331 Western Political Though Credits: 3

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The Foreign Language Program seeks to develop proficiency in listening, speaking, reading and writing a second language, and to introduce the student to the literature and civilization of another country in order to broaden his/her perspective and increase his/her understanding and sensitivity of a foreign culture. Graduates may enter careers in international business, education, the tourism and hospitality industries, and government service.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.
FREN 101 Beginning French I  
Credits: 4
This course will introduce students to speaking, reading, and writing in the French language. It will also introduce students to basic differences between the cultures of France and the United States, in order to help them form a global perspective.

Goals: Global (08) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FREN 102 Beginning French II  
Credits: 4
This course will continue to build skills in speaking, reading, and writing in the French language. It will also introduce students to basic differences between the cultures of France and the United States, in order to help them form a global perspective.

Pre-Requisites: FREN 101 or FREN 101  
Goals: Global (08) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FREN 184 Beginning Immersion in French Language & Culture  
Credits: 3

FREN 201 Intermediate French I  
Credits: 4
These courses will review the fundamentals of French grammar and will continue to build language skills of speaking, listening comprehension, pronunciation, reading, and writing in the French language. They will also introduce students to representative works of French literature (some in translation), art, and music from two centuries in French history.

Pre-Requisites: FREN 102 or FREN 102  
Goals: Global (08) Course Frequency: Fall: All Years Spring: N/A Summer: N/A

FREN 202 Intermediate French II  
Credits: 4
These courses will review the fundamentals of French grammar and will continue to build language skills of speaking, listening comprehension, pronunciation, reading, and writing in the French language. They will also introduce students to representative works of French literature (some in translation), art, and music from two centuries in French history.

Pre-Requisites: FREN 102 and FREN 201  
Goals: Global (08) Course Frequency: Fall: N/A Spring: All Years Summer: N/A

FREN 286 Special Topics  
Credits: 1 - 4

FREN 292 Honors Credit in French  
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 French course.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A

FREN 310 Conversation & Composition I  
Credits: 3
Study of advanced grammar, with extensive speaking practice. Writing of sustained passages of expository French prose. Offered in alternate years.

Pre-Requisites: FREN 202  
Course Frequency: Fall: All Years Spring: N/A Summer: N/A

FREN 311 Conversation & Composition II  
Credits: 3
Study of advanced grammar, with extensive speaking practice. Writing of sustained passages of expository French prose. Offered in alternate years.

Pre-Requisites: FREN 202  
Course Frequency: Fall: All Years Spring: N/A Summer: N/A

FREN 321 French Culture Through the Renaissance  
Credits: 3
Survey of French history, geography, art and literature from the Prehistoric Period through the French Renaissance.

Pre-Requisites: FREN 310 and FREN 311  
Course Frequency: Fall: N/A Spring: Odd Years Summer: N/A

FREN 322 Contemporary France  
Credits: 3
Survey of contemporary French society and culture.

Pre-Requisites: FREN 310 and FREN 311  
Course Frequency: Fall: N/A Spring: Even Years Summer: N/A

FREN 331 Introduction to the Study of French Literature  
Credits: 3
Introductory study of French literature, covering poetry, drama and one or more short novels.

**Pre-Requisites:** FREN 310 and FREN 311  
**Course Frequency:** Fall: N/A Spring: Odd Years Summer: N/A

FREN 332 Special Area Studies in French  
Credits: 3  
In-depth study of selected topics, such as French film, the Quebec experience, the European Community, or the French presence in Africa.

**Pre-Requisites:** FREN 310 and FREN 311  
**Course Frequency:** Fall: N/A Spring: Even Years Summer: N/A

FREN 384 Advanced Immersion in French Language & Culture  
Credits: 3  
Offers students studying or traveling in French-speaking countries the opportunity to earn three credits toward the French Minor.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: On Demand Summer: N/A

FREN 486 Special Topics  
Credits: 1 - 4

FREN 494 Independent Studies in French  
Credits: 1 - 3  
Seeks to develop in each student an acceptable proficiency in the listening, speaking, reading and writing skills of a second language, and introduce the student to the literature and contemporary civilization of the country.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: On Demand Summer: N/A

SPAN 101 Beginning Spanish I  
Credits: 4  
Introduces students to the basic vocabulary and structures of Spanish, help build communicative competence and introduces students to the interconnectivity of the Spanish-speaking world to the world at large. Placement: for students with no prior knowledge of Spanish, 1 year or less of high school Spanish or equivalent, or consent of instructor.

**Goals:** Global (08)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

SPAN 102 Beginning Spanish II  
Credits: 4  
Continues to introduce students to the basic vocabulary and structures of Spanish, helps build communicative competence and introduces students to the interconnectivity of the Spanish-speaking world to the world at large. Placement: for students with 2 years or less of high school Spanish or equivalent, or consent of instructor.

**Pre-Requisites:** SPAN 101 or SPAN 101  
**Goals:** Global (08)  
**Course Frequency:** Fall: N/A Spring: N/A  
Summer: N/A

SPAN 201 Intermediate Spanish I  
Credits: 4  
Continue the development of the four basic language skills. Culture is taught through selected reading in Spanish. Those with sufficient prior preparation may petition to substitute SPAN 311, 312 for any Intermediate Spanish course.

**Goals:** Global (08)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

SPAN 202 Intermediate Spanish II  
Credits: 4  
Continue the development of the four basic language skills. Culture is taught through selected reading in Spanish. Those with sufficient prior preparation may petition to substitute SPAN 311, 312 for any Intermediate Spanish course.

**Goals:** Global (08)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

SPAN 286 Special Topics  
Credits: 1 - 4  
Topics in Hispanic Culture and Literature.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

SPAN 292 Honors Credit in Spanish  
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 Spanish course.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
SPAN 311 Spanish Composition & Conversation  
Written and oral practice based on themes drawn from contemporary culture of Spanish-speaking countries.  
Some review of grammar.  
Pre-Requisites: SPAN 202  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 312 Spanish Composition & Conversation  
Written and oral practice based on themes drawn from contemporary culture of Spanish-speaking countries.  
Some review of grammar.  
Pre-Requisites: SPAN 202  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 321 Study of 20th Century Literature  
A study of selected works from 20th century Iberian and Latin American authors which will stress major  
themes and movements.  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 335 Spanish for Professions, Community Service and Business  
Work toward proficiency in areas of communication skills required for those who intend to use Spanish as a  
principal asset in their occupation.  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 341 Spanish Culture & Civilization  
A systematic overview of Iberian culture and civilization. Geography, political, social, and intellectual  
history will be the basis for reading, writing, and discussion.  
Pre-Requisites: SPAN 202  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 342 Latin Amer Culture & Civilization  
Major cultural and historical aspects of Latin America from pre-colonial times to the present will be the  
basis for reading, writing, and discussion.  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 394 Supervised Study in Spanish  
For those who have completed basic Spanish. Work toward mastery of reading, writing, listening, and  
speaking in an immersion setting. Study for credit must have departmental approval prior to departure.  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 421 Survey-Peninsular Literature  
Discussion and analysis of major literary trends and writers from representative authors from Spain.  
Pre-Requisites: SPAN 341  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 422 Survey-Peninsular Literature  
Discussion and analysis of major literary trends and writers from representative authors from Spain.  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 423 Survey of Latin American Literature  
Discussion and analysis of major literary trends and writers from representative Latin American authors.  
Pre-Requisites: SPAN 342  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 424 Survey of Latin American Literature  
Discussion and analysis of major literary trends and writers from representative Latin American authors.  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 431 Introduction to Spanish Linguistics  
This advanced Spanish language course presents the fundamentals, concepts, and problems in Spanish  
linguistics. Special focus is on variation of its use by the cultures and peoples of the Spanish-speaking  
world.  
Pre-Requisites: SPAN 311 or SPAN 312  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPAN 465 Independent Studies in Spanish  
Credits: 1 - 3
For advanced students. Credits and hours by arrangement. May be repeated.

**Permissions**: Instructor's permission required  
**Course Frequency**: Fall: N/A  
Spring: N/A  
Summer: N/A

**SPAN 486 Topics in Hispanic Culture and Literature**  
Credits: 1 - 4

Topics in Hispanic Culture and Literature.

**Permissions**: Instructor's permission required  
**Course Frequency**: Fall: N/A  
Spring: N/A  
Summer: N/A
GEOGRAPHY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

GEOG 101 Introduction to Geography Credits: 3
This course introduces students to the basic concepts of geography. It covers geographic methods—including cartography and Geographic Information Systems (GIS)—physical geography, and human geography.

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

GEOG 121 Introduction to Geographic Information Systems Credits: 3
The course introduces students to Geographic Information Systems (GIS) as applied in the business world, in municipal government, and in environmental management. The course covers general GIS topics, provides a hands-on introduction to GIS software, and illustrates practical uses of computer mapping and spatial analysis technology. Instruction will combine lectures and demonstrations with in-class and out-of-class computer lab assignments.

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

GEOG 321 GIS Methods & Applications Credits: 3
This course is aimed at students with some Geographic Information Systems (GIS) experience. It builds on basic GIS knowledge to explore real-world spatial analysis applications. It develops GIS software skills and addresses high-quality map design. The course combines lectures, demonstrations, and computer lab assignments. A major component of the course is a semester-long spatial analysis project.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
GLOBAL STUDIES • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Michael Cheng, Cheryl McConnaughey

The Global Studies Program is open to students from all majors. In Global Studies courses students focus on a theme of global importance, spend a semester exploring the topic through course work, then apply and expand their knowledge with travel to a city, country or region. Financial Aid may be available to help cover trip costs, which are assessed as a course fee.

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

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.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required
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.

Permissions: Instructor's permission required
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.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

GLBL 394 Independent Study Credits: 1 - 3

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  
**Permissions:** Instructor's permission required  
**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.

**Permissions:** Instructor's permission required  
**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.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A  
Spring: N/A  
Summer: N/A
HISPANIC STUDIES • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

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 Slavery, Race, and Gender in the Atlantic World 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 Spirituality and World View Credits: 3
- INDS 325 Genocide, Survival, and Indigenous Peoples Credits: 3
- INDS 326 Decolonization, Recovery, and Indigenous Peoples Credits: 3
- INDS 345 Education, Colonialism, and Indigenous Peoples 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 • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Joan Gittens, Michael Hofstetter, Jeffrey Kolnick, Thomas Williford

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 teacher certification requirements, see the Education section.

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.

HISTORY

Bachelor of Arts: History (39 Credits)

I. Required Courses: (24 Credits)

Take one of the following: (3 Credits)
- HIST 201 Rural World Credits: 3
- HIST 210 Contemporary World History Credits: 3

History Core: (21 Credits)
- 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 Eur Civ I:Ancient & Medieval Europe Credits: 3
- HIST 243 Eur Civ II:Modern & Contemporary Europe Credits: 3
- HIST 301 Historiography Credits: 3
- HIST 387 Pro-Seminar Credits: 3
- HIST 487 Senior Seminar Credits: 3

II. Electives (15 Credits)

One course in Non-Western History: (3 Credits)
- HIST 311 World in War & Crisis: 1910-1945 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 322 Development in the Post-Colonial World Credits: 3
- HIST 324 Comparative Colonialisms Credits: 3
- HIST 325 Africa Since 1800 Credits: 3
- HIST 328 History of Cuba Credits: 3
- HIST 351 Origins of Islamic Civil Credits: 3

History Electives (12 Credits)
- HIST 3XX History courses at the 300 level or above Credits: 12

Bachelor of Arts: History Notes:

Students who are not seeking a Social Science licensure may substitute one of the following courses for a history elective: INDS 325, INDS 326, or PHIL 331. All History majors may substitute RURL 310 for a history elective.

Total Credits: 39

Minor: History (18 Credits)

I. Choose one course from two of the following groups (6 Credits)

Group A.
- HIST 201 Rural World Credits: 3
- HIST 210 Contemporary World History Credits: 3
- HIST 210 Contemporary World History Credits: 3
Group B.
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

Group C.
HIST 242 Eur Civ I: Ancient & Medieval Europe, Credits: 3
HIST 243 Eur Civ II: Modern & Contemporary Europe, Credits: 3

II. Required:
HIST 301 Historiography, Credits: 3

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
HIST 271 Environmental History
This course explores processes of environmental change, examining them in their proper ecological, geographical, and historical contexts. This course also addresses the multi-faceted relationship between human beings and their surroundings as well as changing definitions of environment and nature.

Goals: People/Environmental (10)  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HIST 286 Special Topics
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.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HIST 301 Historiography
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: N/A Spring: N/A Summer: N/A

HIST 310 Environmental History
This course explores processes of environmental change, examining them in their proper ecological, geographical, and historical contexts. This course also addresses the multi-faceted relationship between human beings and their surroundings as well as changing definitions of environment and nature.

Goals: People/Environmental (10)  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HIST 311 World in War & Crisis: 1910-1945
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.

Goals: Global (08)  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HIST 312 World in War and Crisis: 1945-Today
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.

Goals: Global (08)  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HIST 314 Modern Latin America
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.

Goals: Global (08)  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HIST 315 Mexico & Central America
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: N/A Spring: N/A Summer: N/A

HIST 318 Portugal in the Atlantic World
This course explores the formation, nature and decline of Portuguese contact and empire in Africa, Asia and the Americas from the fifteenth to the twentieth centuries. Topics include cross-cultural interaction, religious influences, local and long-distance trade, slavery, and diasporas in historical context.

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

HIST 320 Race in the Atlantic World
This course surveys African history from the nineteenth century to the present. It examines the effects of abolition of the slave trade and of commercial and religious revolutions in West Africa; the Scramble for
Africa; the social, cultural and economic ramifications of colonial rule and resistance to it; struggles for liberation and the challenges of independence.

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

**HIST 321 U.S.-Latin American Relations**
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: N/A Spring: N/A Summer: N/A

**HIST 322 Development in the Post-Colonial World**
This course explores issues of economic development and nation-building in Africa, Latin America, and Asia, focusing primarily on the mid-to late-twentieth century. Topics covered include theories of modernization and underdevelopment, the legacy of the colonial experience and decolonization, and case studies of developments strategies and their consequences.

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

**HIST 324 Comparative Colonialisms**
This course explores comparatively the colonial experiences of societies in Latin America, the Caribbean, Africa, and Asia from the fifteenth to the nineteenth centuries. Topics include comparative examination of cross-cultural encounters, types of colonialization and their purposes, methods and consequences, and the formation and course of movements for independence.

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

**HIST 325 Africa Since 1800**
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 Slavery, Race, and Gender in the Atlantic World**
This course explores the encounter of the peoples of the Americas, Africa, and Europe in the Atlantic World, from 1492 to 1800, with a special emphasis on gender issues.

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

**HIST 328 History of Cuba**
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: N/A Spring: N/A Summer: N/A

**HIST 331 U.S. Since 1945**
A broad look at American social, cultural, and political history in a crucial modern period.

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

**HIST 337 European Women's History**
This course surveys the history of women's participation in the development of modern European politics, culture, and economy, and re-examines the traditional assumptions, categories, and periodizations of European history in light of women's experiences.

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

**HIST 350 The Vietnam Wars, 1945-1975**
This course examines the experience of Vietnamese and American women and man 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: N/A Summer: N/A

**HIST 351 Origins of Islamic Civil**
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.
Goals: Global (08)

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

HIST 359 African-American History, Civil War to the Present Credits: 3
This course examines the experience of African American women and men from the Civil War to the present by focusing briefly on the slave experience and emancipation with a more intensive focus on Reconstruction, the era of Jim Crow, and the Civil Rights Movement. The course will feature the use of primary documents and use as its interpretative framework the concept of struggle.

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

HIST 361 Introduction to East Asia in Modern Times Credits: 3
The political, economic, social, and intellectual history of China, Japan, Korea, and Vietnam from the seventeenth century through the present.

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

**HIST 370 History of Capitalism**  
Credits: 3  
This course will chart the development of capitalism from Adam Smith to the Global Economy of our own time.

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

**HIST 375 Middle Ages & Renaissance**  
Credits: 3  
This course will examine the political institutions, the economy, the art, and the society of the Middle Ages and the Renaissance.

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

**HIST 376 Modern France**  
Credits: 3  
A survey of French history from 1750 with emphasis on various social, intellectual, and international aspects. Comparative method will place French history in its European and world context. Students will become familiar with the local and global significance of major trends and events in France such as the enlightenment, the 1789 revolution, the rise of nationalism, the 1848 revolution, World War I, World War II and France's evolving role in European unification. This course welcomes students from all academic disciplines and students from all stages of their university participation. Reading level will be moderate with several smaller writing assignments and two examinations.

**Course Frequency:** Fall: N/A Spring: N/A 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: N/A 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: N/A Spring: N/A 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 381 History of Russia I**  
Credits: 3  
This course surveys Russian civilization from earliest beginnings to the 19th century.

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

**HIST 382 History of Russia II**  
Credits: 3  
This course surveys Russian civilization from the 19th century to the present.

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

**HIST 383 History of England I**  
Credits: 3  
This course surveys British civilization from the beginning to the 18th century.
HIST 384 History of England II  
This course surveys British civilization since the 18th century.  

Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

HIST 387 Pro-Seminar  
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.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

HIST 395 Minnesota History  
This course surveys the social, economic, and political development of Minnesota.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

HIST 486 Advanced Special Topics in History  
In this capstone course, topics are considered through reading, discussion, and primary research. This course will include a paper based on primary resources.

Pre-Requisites: HIST 387  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 1 - 4

HIST 487 Senior Seminar  
In this capstone course, topics are considered through reading, discussion, and primary research. This course will include a paper based on primary resources.

Pre-Requisites: HIST 387  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

HIST 494 Individual Study in History  
Prerequisite: consent of instructor. Student must propose topic and offer a preliminary bibliography.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 1 - 4

HIST 510 GS:T&I in History  
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.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 1 - 3

HIST 520 GS:Is in History
HONORS PROGRAM • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: BA 109
Phone Number: 537-6240/7206
Staff & Faculty: J Kramer

This program is designed for outstanding, highly motivated students and should ordinarily begin in the freshman year. Entering students are eligible if they have a sound high school record and high ACT scores, and can provide a recommendation from at least one high school teacher or counselor. In addition, students currently enrolled at SMSU may apply for entrance to the program if they have earned a 3.3 grade point average and can provide recommendations from advisors.

The program is a substitute for the standard Liberal Arts Curriculum and Rural Studies requirements. The student, in consultation with the honors director and the Honors Review Board, designs his/her own program of Liberal Arts and Rural Studies coursework. As part of each students program they are required to take a Senior Honors Seminar (Honors Seminar II) and three courses from the following list of Honors Core classes that are shown below.

Honors students may also, though this is not a requirement, enroll in a 3-9 hour honors project designed by the student and his/her major advisor. In addition to completing their coursework, each student will complete an honors senior dialogue involving at least three faculty members from among non-major disciplines plus the honors director. This session is not graded.

To graduate from the program, the student must have a 3.3 grade point average, overall. Students successfully completing the program will be awarded an engraved medal marking their achievement and will be designated “honors graduate” at the commencement exercises.

Any student who meets the qualifications specified above and who enjoys the challenge and excitement of helping to design his/her own course of Liberal Arts studies should request further information from: Director, Honors Program. Southwest Minnesota State University, Marshall, MN 56258.

HONORS PROGRAM

Honors Core Classes

The program is a substitute for the standard Liberal Arts Curriculum and Rural Studies requirements. The student, in consultation with the honors director and the Honors Review Board, designs his/her own program of Liberal Arts and Rural Studies coursework. As part of each students program they are required to take a Senior Honors Seminar (Honors Seminar II) and three courses from the following list of Honors Core classes:

Required Honors Seminar: (3 Credits)
IDST 487 Honors Seminar II ........................................................................................................ Credits: 3

Choose Three Honors Core courses: (9 Credits)
IDST 287 Honors Seminar I ........................................................................................................ Credits: 3
LIT 310 Greek Myth & Literature .................................................................................................. Credits: 3
MATH 320 Foundations of Mathematics ....................................................................................... Credits: 3
PHIL 330 History of Philosophy I: Values ................................................................................... Credits: 3
PHIL 331 History of Philosophy II: Human Institutions ................................................................. Credits: 3

Self-Designed Liberal Education Program: (32 Credits)
ANY 1XX Individual's Approved Honors Program ........................................................................ Credits: 32

IDST 025 Basic Academic Skills
Credits: 1
Special instruction developed according to the needs of the student or students enrolled. Instruction in pre-college academic skills designed to develop college readiness skill level.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

IDST 050 Life and Career Planning
Credits: 1
This course is for students who are undecided about their major or who need additional time and help in planning for their education. Topics included are potential careers, student interests, study habits and various aspects of pursuing a college education.

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

IDST 080 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 topic 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 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 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.

Goals: Critical Thinking (02) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

IDST 101 Introduction to Library Resources Credits: 1
Survey of library services; development of skills in the use of computerized catalog, general reference materials, periodicals and newspaper indices, government documents, and bibliographic and research techniques.

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

IDST 102 Applied Academic Strategies: Reading Across the Curriculum Credits: 1
This course develops close reading skills including analysis of academic thought patterns and questioning techniques of shared inquiry for courses across the curriculum. Reading speed, concentration, comprehension, and fluency will be developed. Students will participate in both small group and individualized sessions for strategies appropriate to concurrent course enrollment to meet the challenges of reading at the university level.

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

IDST 103 Applied Academic Strategies: Science Focus Credits: 1
Focused, collaborative learning sessions integrating course content in the sciences with appropriate study strategies. Students will work together in guided study, applying strategies appropriate to comprehension of and communicating science course content at the university level. Strategies for problem-solving, content review, reasoning and the laboratory, and exam performance will be applied in science courses in which concurrently enrolled.

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

IDST 104 Applied Academic Strategies: ESL Focus Credits: 1
This course is intended for students for whom English is a second language. This course is designed to assist students to understand vocabulary in course context and develop effective college-level reading and comprehension. A combined approach of reading and writing reinforces advanced levels of English usage. Activities include reading, writing, and classroom conversation using materials from classes in which the students are enrolled.

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

IDST 105 Career Planning & Decision Making Credits: 2
This course is intended to help students make satisfying decisions regarding careers and the world of work. Students explore career options by learning how their attitudes, beliefs, interests, skills, values and lifestyle preferences blend effectively with elements of certain occupations. The use of electronic portfolio, Internet research to enhance employability and success. Students will learn how to showcase their knowledge, skills, and experiences by creating an effective resume.

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

IDST 109 Academic Reasoning Strategies Credits: 2
Students will use materials from literature and mathematics to develop the basic elements of academic reasoning, emphasizing strategies for problem-solving, comparisons, analysis, and synthesis. Students participate in exercises that develop and enhance reasoning strategies and independent, creative thought which can be applied to all areas of study.
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 participate 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.

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.

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.

This course introduces students to the SMSU Honors Program. Subjects covered include the requirements and responsibilities of being an honors student, an introduction to university life and campus resources, the history and goals of liberal education, and assessments of student capacities concerning those goals. The main objective will be to assist students to design an Honors Program Proposal, but there will also be formal discussions of topical issues, written assignments, guest faculty visits, off-campus visits, and a careful reading of several central texts.

An introduction to advanced learning strategies which utilize current knowledge of brain function. The student will learn a variety of high efficiency techniques from which s/he may choose according to individual learning style and belief system. The goal of the course is to make learning easier, faster, much more effective, and more enjoyable. The course will involve lecture, wholistic learning and experiential exercises.

This course introduces students to the SMSU Honors Program. Subjects covered include the requirements and responsibilities of being an honors student, an introduction to university life and campus resources, the history and goals of liberal education, and assessments of student capacities concerning those goals. The main objective will be to assist students to design an Honors Program Proposal, but there will also be formal discussions of topical issues, written assignments, guest faculty visits, off-campus visits, and a careful reading of several central texts.

An introduction to the techniques and evidence concerning the existence of intelligent life beyond planet earth. The student will become familiar with the basic astronomy and physics in the field and with research techniques for investigating the possibility of extraterrestrial intelligence (ETI), will examine ETI data, and will learn current thinking on the ramifications for our culture should ETI be confirmed. The possibility that this planet has also been explored by ETI will also be treated.

An introduction to solving problems creatively. The successful student will learn theory and techniques to enable the development and use of natural, creative talents for creating breakthroughs in science and technology, business, art and other fields.

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
certification, and is repeatable to qualify for Advanced/Level 2, and Master/Level 3 certification.

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

IDST 271 Supplemental Instruction Training
Course content will include learning how to structure a successful Supplemental Instruction (SI) session, overview of the SI program, active learning strategies, and study skills and techniques for learning disciplinary content. Completion of this course will qualify student for certification as Supplemental Instruction Leader.

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

IDST 272 Team Leadership Development
The course is intended for students who have an interest in developing team leadership skills and techniques. The course will assist students with self-reflection of successful and unsuccessful leadership styles, while they develop their own skills for the future. A combined approach of reading, writing, self-evaluation, and group discussion will reinforce the techniques presented.

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

IDST 286 Honors Special Topics
Credits: 1 - 4

IDST 287 Honors Seminar I
A sophomore level interdisciplinary seminar for honors students as partial fulfillment of the requirements of the Honors Program.

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

IDST 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: ENG 151 and IDST 100 and SPCH 110 or ENG 103 and IDST 100 and SPCH 110
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

IDST 405 Honors Project
Credits: 3 - 9

A course to be designed by the student in conjunction with his/her advisor and approved by the Honors Review Board as partial fulfillment of the requirements of the Honors Program.

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

IDST 410 Honors Mentor
Credits: 2

Students will be selected after an application process and will work with close supervision by the Director of the Honors Program. They will lead discussions, plan and conduct tours and/or trips, and arrange for class visits by faculty (and others) who might make presentations to the Introduction to Honors Course.

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

IDST 486 Honors Advanced Special Topic
Credits: 1 - 4

IDST 487 Honors Seminar II
Credits: 3

A senior interdisciplinary seminar for honors students as partial fulfillment of the requirements of the Honors Program.

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

IDST 496 Honors Advanced Workshop
Credits: 1 - 3
HOSPITALITY MANAGEMENT • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Michael Cheng

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.

HOSPITALITY MANAGEMENT

Bachelor of Science: Hospitality Management (56-62 Credits)

A. Business Core Courses: (15 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
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<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 221</td>
<td>Computer Concepts and Applications</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
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</table>

B. Hospitality Core Courses: (23 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 300</td>
<td>Hospitality Accounting</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 100</td>
<td>Introduction to Hospitality Management</td>
<td>2</td>
</tr>
<tr>
<td>HOSP 320</td>
<td>Hospitality Law</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 340</td>
<td>Hospitality Property Layout &amp; Design</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 460</td>
<td>Hospitality Operations and Policy</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 497</td>
<td>Hospitality Internship I</td>
<td>1-3</td>
</tr>
<tr>
<td>HOSP 498</td>
<td>Hospitality Internship II</td>
<td>1-3</td>
</tr>
<tr>
<td>HOSP 499</td>
<td>Hospitality Internship III</td>
<td>1-3</td>
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<tr>
<td>MGMT 350</td>
<td>Human Resources</td>
<td>3</td>
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Select one Nutrition course requirement:

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 377</td>
<td>Principles of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 232</td>
<td>Nutrition</td>
<td>3</td>
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</tbody>
</table>

C. Concentrations (Choose One):

1. Hotel Administration Concentration: (18 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOSP 200</td>
<td>Foundations of Lodging Management</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 330</td>
<td>Lodging Service Management</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 400</td>
<td>Sales &amp; Convention Management</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 420</td>
<td>Revenue Management in the Lodging Industry</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 430</td>
<td>Hotel/Resort Management Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>
Select one course from below:
HOSP 360 Ethics in Hospitality .............................. Credits: 3
HOSP 380 Restaurant Concepts ............................. Credits: 3
HOSP 401 Advanced Culinary Techniques ................... Credits: 3
HOSP 405 Catering/Banquet Management ................. Credits: 3
HOSP 410 Beverage Management .......................... Credits: 3
HOSP 440 Club Management ................................ Credits: 3
MGMT 450 Diversity Management .......................... Credits: 3

2. Restaurant Management Concentration: (22 Credits)
CULG 200 Culinary Essentials I ................................ Credits: 4
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
HOSP 325 Menu Design and Service Management ....... Credits: 3
HOSP 410 Beverage Management .......................... Credits: 3

Select one course from below:
HOSP 360 Ethics in Hospitality .............................. Credits: 3
HOSP 380 Restaurant Concepts ............................. Credits: 3
HOSP 401 Advanced Culinary Techniques ................... Credits: 3
HOSP 405 Catering/Banquet Management ................. Credits: 3
MGMT 450 Diversity Management .......................... Credits: 3
MKTG 321 Retail Management ................................ Credits: 3
MKTG 331 Professional Selling ................................ Credits: 3

3. Culinary Management Concentration: (23 Credits)
CULG 200 Culinary Essentials I ................................ Credits: 4
CULG 210 Culinary Essentials II ................................ Credits: 4
CULG 250 Introduction to Baking & Pastry ................. Credits: 3
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

Select one course from below:
CULG 260 Principles of Garde Manger & Buffet .......... Credits: 3
CULG 300 International Cuisine ............................... Credits: 3
HOSP 380 Restaurant Concepts ............................. Credits: 3
HOSP 401 Advanced Culinary Techniques ................... Credits: 3
HOSP 405 Catering/Banquet Management ................. Credits: 3
MGMT 450 Diversity Management .......................... Credits: 3

Total Credits: 56-62

**HOSP 100 Introduction to Hospitality Management**
**Credits: 2**
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: N/A Spring: N/A 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: N/A Spring: N/A 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.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
with the engineering and maintenance department.

**Pre-Requisites:** HOSP 100  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**HOSP 205 Hospitality Purchasing**  
Procurement procedures with emphasis on orientation to the market place, specification writing and evaluation of products.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**HOSP 240 Property Management**  
A conceptual approach to design, maintenance, and engineering as related to both the interior and exterior of hospitality facilities.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**HOSP 301 Restaurant Food Operations**  
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 205  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 2

**HOSP 301L Restaurant Food Operations Lab**  
Application of full service restaurant food production and management techniques in the student operated restaurant.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**HOSP 315 Food, Beverage, and Labor Cost Control**  
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  
**Credits:** 3

**HOSP 320 Hospitality Law**  
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: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**HOSP 325 Menu Design and Service Management**  
Design principles and the application of menu engineering techniques producing high quality, profitable menus for foodservice operations. Planning, production, service, and evaluation of the dining experience.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**HOSP 330 Lodging Service Management**  
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: N/A Summer: N/A  
**Credits:** 3

**HOSP 340 Hospitality Property Layout & Design**  
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.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

**HOSP 360 Ethics in Hospitality**  
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  
**Credits:** 3
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, mid-scale, home replacement, catering, and takeout. Students will do comparisons of chain versus independent and franchise versus non-franchise restaurants.

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.

HOSP 401 Advanced Culinary Techniques  Credits: 3
Creative experiences with U.S. regional and international foods appropriate for fine dining. Application of management principles in food preparation and service in fine dining operation. Exploration of the historical and cultural development of the world cuisine.

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.

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.

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 todays 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 tomorrows inventory. This course will explore the meshing of these two areas and the importance & function of todays 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.

Pre-Requisites: HOSP 200 junior status.  Course Frequency: Fall: N/A 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.

HOSP 440 Club Management  Credits: 3
Provides the student with an understanding of the general operational and administrative procedures in private clubs. It will provide the hospitality student with the unique sensitivities required in managing and operating in the increasingly lucrative club management market.

HOSP 450 Food Service Systems  Credits: 3
An exploration of the evolution of food service systems involving principles of work analysis and design and their implication in quantity food production. Interrelationship of men, personnel, capital and equipment.
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: N/A Summer: N/A

HOSP 470 New Ventures  Credits: 3
An introduction to the assessment and development of new ventures in the hospitality industry.

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

HOSP 494 Directed Studies-Hotel/Restaurant  Credits: 1 - 6
Supervised employment within the students area of study. Minimum 100 hours for 1 credit. Students must submit acceptable report and receive adequate evaluations.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HOSP 497 Hospitality Internship I  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.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A Summer: N/A
HUMANITIES • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: BA 109
Phone Number: 507-537-7206
Staff & Faculty: Stewart Day, Christopher French, Diane Leslie

HUMANITIES

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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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.

Goals: Humanities/Fine Arts (06), Global (08) Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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.

Goals: Humanities/Fine Arts (06), Global (08) Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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.

Course Frequency: Fall: N/A 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: On Demand Spring: On Demand Summer: On Demand

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).

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand
HUMT 486 Advanced Topics in Humanities
A study of different topics in the Humanities. See current course schedule for topic listing when offered.

Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

Credits: 1 - 6
## INDIGENOUS NATIONS AND DAKOTA STUDIES • 2012-2013

**Note:** While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

### Department Office:  SS 103
### Phone Number:  507-537-6224
### Staff & Faculty:

Indigenous Nations and Dakota Studies (INDS) promotes 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 focus on the Dakota people of Minnesota specifically. The interdisciplinary and multi-disciplinary nature of INDS will be illustrated by analytical concepts, methodologies, and contributions from key fields and disciplines such as anthropology, history, literature, and art. In a society and world characterized by diversity and multiculturalism, INDS serves both native and non-native students by broadening their knowledge of traditional and modern native history and culture. Decolonization provides both the theoretical framework and pedagogy for Indigenous Nations and Dakota Studies.

### INDIGENOUS NATIONS AND DAKOTA STUDIES

#### Minor: Indigenous Nations and Dakota Studies (18 Credits)

**Core Requirements: (12 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>IND 101</td>
<td>Intro to Indigenous Nations &amp; Dakota Studies</td>
<td>3</td>
</tr>
<tr>
<td>IND 230</td>
<td>Dakota History &amp; Culture</td>
<td>3</td>
</tr>
<tr>
<td>IND 310</td>
<td>Indigenous Spirituality and World View</td>
<td>3</td>
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**Take one of the following:**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>IND 325</td>
<td>Genocide, Survival, and Indigenous Peoples</td>
<td>3</td>
</tr>
<tr>
<td>IND 326</td>
<td>Decolonization, Recovery, and Indigenous Peoples</td>
<td>3</td>
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**Electives: (6 Credits)**

<table>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 315</td>
<td>Mexico &amp; Central America</td>
<td>3</td>
</tr>
<tr>
<td>IND 344</td>
<td>US Policy, Imperialism, and Indigenous Peoples</td>
<td>3</td>
</tr>
<tr>
<td>LIT 355</td>
<td>Native American Literature</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 331</td>
<td>Racial &amp; Ethnic Relations in America</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: *Other elective courses may be selected in consultation with the INDS Coordinator.

Total Credits: **18**

### INDS 101 Intro to Indigenous Nations & 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 "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. Decolonization is the theoretical perspective for INDS. Finally, perspectives on the role(s) of Indigenous Nations and Dakota Studies within a modern university setting will be discussed.

**Goals:** Diversity (07) **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

### INDS 217 Indigenous Peoples of Minnesota **Credits: 3**

This course studies the history and culture of the three Indigenous peoples of Minnesota: the Dakota, the Anishinabe, and the Hocak. Origin and migration stories will be examined. Their interactions with each other, with the white man, and with other indigenous groups will be focused on, as well as contemporary issues facing the indigenous peoples of Minnesota. Decolonization is the theoretical perspective of the course.

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

### INDS 220 Difficult Dialogues: Breaking the Indigenous Stereotype **Credits: 3**

This course will examine the stereotypes, misconceptions, and images of the Indigenous Peoples of the U.S. from the beginning with Columbus and his term "Indians" to the 21st century contemporary society with "casino Indian" to "immigrant Indian." The purpose and use of stereotypes will be studied as well.

**Course Frequency:** Fall: N/A Spring: N/A 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 250 Indigenous Literature and Film**

The course will focus on some of the more well-known contemporary works of Indigenous literature and some of the famous, modern-day indigenous authors. In addition to literary aspects of the works, various cultural and historical themes and topics will be examined. Topics will include: creation, transformation, symbolism, earth, death and dying, mixed-bloods, struggle for the land, genocide, assimilation, removal, allotment, urbanization and activism ("Red Power"). Close attention will be paid to the differences in perception that Native American writers bring to their fiction and how these differ from perceptions that non-natives have of native peoples. Examples of literature and film will be drawn from other parts of the world (e.g. Mexico, Hawaii, etc.) Decolonization is the theoretical perspective of the course.

**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: N/A Spring: N/A Summer: N/A

**INDS 310 Indigenous Spirituality and World View**

Credits: 3

This course will serve as an introduction to the religious thought and world view of indigenous peoples in the U.S. Special emphasis will be upon the world view and religious beliefs of the Dakota, the Anishinabe, and the Hocak peoples of our region. Major topics will include: creation/origin; migration stories; the cycle/circle; time and space; the group and the individual; death and dying; value systems; the American Indian Religious Freedom Act and recent Supreme Court decisions. Comparison and contrasts will be drawn between native religious thought and the Judeo/Christian traditions. Students will have the opportunity to examine their own spirituality, values, and beliefs in light of the texts, videos, and lectures. Decolonization is the theoretical perspective of the course Christianity is viewed as the ideology of colonialism.

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

**INDS 325 Genocide, Survival, and Indigenous Peoples**

Credits: 3

A survey of the history of the indigenous peoples of the United States from antiquity to the Dawes Allotment Act of 1887. Course will focus on the native peoples of the U.S. and their thousands of years of separate cultural development before the arrival of colonizers. Special emphasis will be given to origin accounts; native world views; interaction among Native Nations, the various European powers and the United States; imperialism; colonialism; treaties; the struggle for the land and resources; genocide; and the development of federal Indian policy and its impact.

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

**INDS 326 Decolonization, Recovery, and Indigenous Peoples**

Credits: 3

A survey of the history of the indigenous peoples of the U.S. from 1887 (the Dawes Allotment Act) to the present. Special emphasis will be placed on native-white relations and the continuing development of federal Indian policy and its impact. Attention will be given to persistence, change, and adaptation in native cultures to contemporary social conditions. Also, topics such as self-determination, decolonization, urbanization, activism, gaming, and other crucial issues regarding the environment, energy, and treaty rights will be studied.

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

**INDS 344 US Policy, Imperialism, and Indigenous Peoples**

Credits: 3

A seminar and capstone course for AIS&DS minors. The course is a survey of the development of federal Indian policy as reflected through treaties, agreements, executive orders, legislation, and court cases. Decolonization methodologies will be an intellectual framework for the course. Topics will include: interactions with European nations before the U.S. became a political entity; federal Indian policy as "true American imperialism;" colonialism; selected treaties; and Indian law questions currently in court litigation will be among a number of important topics which will be studied.

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

**INDS 345 Education, Colonialism, and Indigenous Peoples**

Credits: 3

A historical overview of the education of the indigenous people of the United States before and after the coming of the white man. Various topics will include: early tribal educational methods (informal); the role of missionaries and churches; and colonial and earlier federal ideologies, policies, and programs that have dominated the education of indigenous people.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Description</th>
<th>Course Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDS 486 Special Topics</td>
<td>1 - 4</td>
<td>Designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.</td>
<td>N/A</td>
</tr>
<tr>
<td>INDS 494 Independent Study</td>
<td>1 - 3</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>INDS 510 GS:T&amp;I Amer Indian Studi</td>
<td>3</td>
<td>The purposes of this course is to introduce students to contemporary issues in American Indian Studies. Significant topics for study and discussion include treaty issues, urbanization, the reservation, the American Indian Religious Freedom Act, gaming, etc. Special emphasis will be given to &quot;hot&quot; topics or current issues (e.g. the nuclear waste storage problem, and the struggle between the Prairie Island Dakota Community and Northern States Power Company, and the treaty fishing rights court decision re: the Mille Lacs Anishinabe reservation). Analytical concepts, methodologies, and contributions from key fields and disciplines such as anthropology, history, literature, and art will be utilized.</td>
<td>N/A</td>
</tr>
<tr>
<td>INDS 520 GS:Is in Amer Indian Stu</td>
<td>1 - 3</td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>
INTERDISCIPLINARY STUDIES • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office:
Phone Number:
Staff & Faculty:

INTERDISCIPLINARY STUDIES

IDST 025 Basic Academic Skills  Credits: 1
Special instruction developed according to the needs of the student or students enrolled. Instruction in pre-college academic skills designed to develop college readiness skill level.

Permissions: Instructor's permission required  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

IDST 050 Life and Career Planning  Credits: 1
This course is for students who are undecided about their major or who need additional time and help in planning for their education. Topics included are potential careers, student interests, study habits and various aspects of pursuing a college education.

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

IDST 080 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 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 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.

Goals: Critical Thinking (02)  Course Frequency: Fall: N/A Spring: N/A Summer: N/A

IDST 101 Introduction to Library Resources  Credits: 1
Survey of library services; development of skills in the use of computerized catalog, general reference materials, periodicals and newspaper indices, government documents, and bibliographic and research techniques.

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

IDST 102 Applied Academic Strategies: Reading Across the Curriculum  Credits: 1
This course develops close reading skills including analysis of academic thought patterns and questioning techniques of shared inquiry for courses across the curriculum. Reading speed, concentration, comprehension, and fluency will be developed. Students will participate in both small group and individualized sessions for strategies appropriate to concurrent course enrollment to meet the challenges of reading at the university level.
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

IDST 103 Applied Academic Strategies: Science Focus  
Credits: 1  
Focused, collaborative learning sessions integrating course content in the sciences with appropriate study strategies. Students will work together in guided study, applying strategies appropriate to comprehension of and communicating science course content at the university level. Strategies for problem-solving, content review, reasoning and the laboratory, and exam performance will be applied in science courses in which concurrently enrolled.

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

IDST 104 Applied Academic Strategies: ESL Focus  
Credits: 1  
This course is intended for students for whom English is a second language. This course is designed to assist students to understand vocabulary in course context and develop effective college-level reading and comprehension. A combined approach of reading and writing reinforces advanced levels of English usage. Activities include reading, writing, and classroom conversation using materials from classes in which the students are enrolled.

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

IDST 105 Career Planning & Decision Making  
Credits: 2  
This course is intended to help students make satisfying decisions regarding careers and the world of work. Students explore career options by learning how their attitudes, beliefs, interests, skills, values and lifestyle preferences blend effectively with elements of certain occupations. The use of electronic portfolio, Internet research to enhance employability and success. Students will learn how to showcase their knowledge, skills, and experiences by creating an effective resume.

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

IDST 109 Academic Reasoning Strategies  
Credits: 2  
Students will use materials from literature and mathematics to develop the basic elements of academic reasoning, emphasizing strategies for problem-solving, comparisons, analysis, and synthesis. Students participate in exercises that develop and enhance reasoning strategies and independent, creative thought which can be applied to all areas of study.

**Course Frequency:** Fall: N/A Spring: N/A 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: 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 140 Introduction to Honors  
Credits: 3  
This course introduces students to the SMSU Honors Program. Subjects covered include the requirements and responsibilities of being an honors student, an introduction to university life and campus resources, the history and goals of liberal education, and assessments of student capacities concerning those goals. The main objective will be to assist students to design an Honors Program Proposal, but there will also be formal discussions of topical issues, written assignments, guest faculty visits, off-campus visits, and a careful reading of several central texts.
IDST 186 Special Topics

An introduction to advanced learning strategies which utilize current knowledge of brain function. The student will learn a variety of high efficiency techniques from which s/he may choose according to individual learning style and belief system. The goal of the course is to make learning easier, faster, much more effective, and more enjoyable. The course will involve lecture, wholistic learning and experiential exercises.

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

Credits: 1 - 4

IDST 250 Making Einstein Connecti

An introduction to the techniques and evidence concerning the existence of intelligent life beyond planet earth. The student will become familiar with the basic astronomy and physics in the field and with research techniques for investigating the possibility of extraterrestrial intelligence (ETI), will examine ETI data, and will learn current thinking on the ramifications for our culture should ETI be confirmed. The possibility that this planet has also been explored by ETI will also be treated.

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

Credits: 2 - 3

IDST 256 Extraterrestrial Intelligence

Introduction to solving problems creatively. The successful student will learn theory and techniques to enable the development and use of natural, creative talents for creating breakthroughs in science and technology, business, art and other fields.

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

Credits: 2

IDST 258 Creative Problem Solving

Course content will include learning how to structure a successful Supplemental Instruction (SI) session, overview of the SI program, active learning strategies, and study skills and techniques for learning disciplinary content. Completion of this course will qualify student for certification as Supplemental Instruction Leader.

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

Credits: 1

IDST 270 Tutor Training

The course is intended for students who have an interest in developing team leadership skills and techniques. The course will assist students with self reflection of successful and unsuccessful leadership styles, while they develop their own skills for the future. A combined approach of reading, writing, self-evaluation, and group discussion will reinforce the techniques presented.

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

Credits: 1

IDST 272 Team Leadership Development

A sophomore level interdisciplinary seminar for honors students as partial fulfillment of the requirements of the Honors Program.

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

Credits: 1 - 4

IDST 286 Honors Special Topics

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: ENG 151 and IDST 100 and SPCH 110 or ENG 103 and IDST 100 and SPCH 110

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

Credits: 3

IDST 400 Contemporary Issues Seminar
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDST 405</td>
<td>Honors Project</td>
<td>3 - 9</td>
</tr>
<tr>
<td>IDST 410</td>
<td>Honors Mentor</td>
<td>2</td>
</tr>
<tr>
<td>IDST 486</td>
<td>Honors Advanced Special Topic</td>
<td>1 - 4</td>
</tr>
<tr>
<td>IDST 487</td>
<td>Honors Seminar II</td>
<td>3</td>
</tr>
<tr>
<td>IDST 496</td>
<td>Honors Advanced Workshop</td>
<td>1 - 3</td>
</tr>
</tbody>
</table>

**IDST 405 Honors Project**
A course to be designed by the student in conjunction with his/her advisor and approved by the Honors Review Board as partial fulfillment of the requirements of the Honors Program.

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

**IDST 410 Honors Mentor**
Students will be selected after an application process and will work with close supervision by the Director of the Honors Program. They will lead discussions, plan and conduct tours and/or trips, and arrange for class visits by faculty (and others) who might make presentations to the Introduction to Honors Course.

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

**IDST 486 Honors Advanced Special Topic**

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

**IDST 487 Honors Seminar II**
A senior interdisciplinary seminar for honors students as partial fulfillment of the requirements of the Honors Program.

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

**IDST 496 Honors Advanced Workshop**

**Course Frequency:** Fall: N/A Spring: All Years Summer: N/A
**JUSTICE ADMINISTRATION • 2012-2013**

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SS 103  
Phone Number: 507-537-6224  
Staff & Faculty: William Du Bois, Brandy Franson

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.

**JUSTICE ADMINISTRATION**

**Bachelor of Science: Justice Administration (49 Credits)**

I. Justice Administration Core Curriculum: (37 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUAD 144</td>
<td>Introduction to Justice &amp; Society</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 240</td>
<td>Law Enforcement &amp; Society</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 242</td>
<td>Correction Systems</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 338</td>
<td>You &amp; Crime</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 380</td>
<td>Corporate &amp; White Collar Crime</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 442</td>
<td>Court, Police, and Corrections Management</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 450</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 498</td>
<td>Senior Seminar in Justice Administration</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 103</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 200</td>
<td>Social Statistics</td>
<td>4</td>
</tr>
<tr>
<td>SOCI 315</td>
<td>Applied Social Research</td>
<td>3</td>
</tr>
</tbody>
</table>

*Choose one:* (3 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUAD 370</td>
<td>Criminology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 370</td>
<td>Criminology</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Electives (12 Credits)

*Choose 12 credits from the following list:*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUAD 150</td>
<td>Service Learning Lab</td>
<td>1</td>
</tr>
<tr>
<td>JUAD 246</td>
<td>Introduction to Security</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 300</td>
<td>Women &amp; Justice</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 304</td>
<td>Victimology</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 385</td>
<td>Crime: Race, Poverty &amp; Social Policy</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 399</td>
<td>Criminal Procedure</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 441</td>
<td>Organized Crime</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 450</td>
<td>Rehabilitation &amp; Prevention</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 486</td>
<td>Special Topics</td>
<td>1 - 4</td>
</tr>
<tr>
<td>JUAD 499</td>
<td>Field Experience/Internship</td>
<td>3 - 12</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 330</td>
<td>Organizational Behavior and Theory</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 333</td>
<td>Conflict Resolution</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 305</td>
<td>Law, Liberty &amp; Morality</td>
<td>3</td>
</tr>
<tr>
<td>POL 227</td>
<td>The Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>POL 328</td>
<td>Const Law I: Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 244</td>
<td>Soci of Deviant Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SWRK 101</td>
<td>Social Welfare in a Changing World</td>
<td>3</td>
</tr>
<tr>
<td>SWRK 280</td>
<td>Substance Abuse &amp; Other Addictive Behaviors</td>
<td>3</td>
</tr>
</tbody>
</table>

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: (21 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUAD 338</td>
<td>Youth &amp; Crime</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 380</td>
<td>Corporate &amp; White Collar Crime</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 498</td>
<td>Senior Seminar in Justice Administration</td>
<td>3</td>
</tr>
<tr>
<td>POL 324</td>
<td>Local &amp; Rural Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose two of the following: (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUAD 460</td>
<td>Rehabilitation &amp; Prevention</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 305</td>
<td>Law, Liberty &amp; Morality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 335</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SWRK 340</td>
<td>Human Behavior in the Social Environment</td>
<td>3</td>
</tr>
</tbody>
</table>

B. Diversity Component

Choose one of the following: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 450</td>
<td>Diversity Management</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 331</td>
<td>Racial &amp; Ethnic Relations in America</td>
<td>3</td>
</tr>
</tbody>
</table>

C. Administrative Component: (18 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUAD 442</td>
<td>Court, Police, and Corrections Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 350</td>
<td>Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 451</td>
<td>Training &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 350</td>
<td>Public Budgeting</td>
<td>3</td>
</tr>
</tbody>
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Choose one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 460</td>
<td>Leadership and Team Management</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 325</td>
<td>Administrative Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 42

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.

Goals: History/Social Sciences (05), Civic/Ethical (09) Course Frequency: Fall: N/A Spring: N/A 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: N/A 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: N/A Summer: N/A

**JUAD 240 Law Enforcement & Society**  
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.

**Pre-Requisites:** JUAD 144  
**Course Frequency:** Fall: N/A Spring: N/A 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: N/A 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: N/A 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.

**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.

**Course Frequency:** Fall: N/A Spring: N/A 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: N/A 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: N/A 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 criminal behavior. This course examines measuring crime, major types of crimes, criminal careers, explanation of crime and criminal behavior, and criminological and other theories of crime. The course explores violent crime, crimes against property, public order crimes, corporate and white collar crime, and terrorism. Special attention is given to what works, causes of crime, class, race, and gender, victims, restorative justice and prevention.

Pre-Requisites: JUAD 144 or SOCI 101  Course Frequency: Fall: N/A 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 e-their wrongdoings and rebuild their public images following criminal charges.

Course Frequency: Fall: N/A 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 or SOCI 101  Course Frequency: Fall: N/A 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: N/A 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: N/A 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.

Pre-Requisites: SOCI 344 or SOCI 370 or JUAD 370  Course Frequency: Fall: N/A 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 Criminal Law  Credits: 3
This course will be an in-depth study into the crime elements and criminal defenses available for various crimes.

Pre-Requisites: JUAD 144 or POL 227  Course Frequency: Fall: N/A 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: N/A 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: N/A Spring: N/A Summer: N/A

**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: N/A 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: N/A Spring: N/A Summer: N/A
MANAGEMENT • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Stacy Ball-Elias, Deborah Buerkley, John Gochenouer, Kathy Schaefer

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: a General Management Concentration, a Human Resource Management, or an International Management Concentration. 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. 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.

MANAGEMENT

Bachelor of Science: Management (57-60 Credits)

I. Business Core Courses: (33 Credits)

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<thead>
<tr>
<th>Course</th>
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<tbody>
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<tr>
<td>MGMT 440</td>
<td>International Management</td>
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II. Management Core: (9 Credits)

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<td>Human Resources</td>
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<tr>
<td>MGMT 492</td>
<td>Business Policy</td>
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</table>

III. Concentrations: (12-15 Credits)

Notes:

Students who choose to complete more than one concentration cannot double-count courses across concentrations.

A. General Management Concentration (12 Credits)

Choose three courses from list below: (9 Credits)
MGMT 330  Organizational Behavior and Theory  Credits: 3
MGMT 332  Interpersonal Skills in Organizations  Credits: 3
MGMT 333  Conflict Resolution  Credits: 3
MGMT 351  Organization Development and Change  Credits: 3
MGMT 360  Theories of Leadership  Credits: 3
MGMT 360  Management Information Systems  Credits: 3
MGMT 450  Diversity Management  Credits: 3
MGMT 454  Labor Relations  Credits: 3
MGMT 460  Leadership and Team Management  Credits: 3

Choose any one of the following electives: (3 Credits)
ART 240  Concepts of Graphic Design  Credits: 3
ART 255  American Art History  Credits: 3
ENG 360  Scientific & Technical Writing  Credits: 3
ENG 361  Advanced Composition  Credits: 3
HIST 362  Making of Modern America  Credits: 3
HIST 364  Immigration & Ethnicity in U.S. History  Credits: 3
HLTH 390  Health Promotion  Credits: 3
JUAD 246  Introduction to Security  Credits: 3
LIT 370  Contemporary World Literature  Credits: 3
PHIL 105  Ethical Issues in Business  Credits: 3
PHIL 305  Law, Liberty & Morality  Credits: 3
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
PSYC 317  Social Psychology  Credits: 3
PSYC 318  Group Dynamics  Credits: 3
PSYC 325  Attitudes & Persuasion  Credits: 3
PSYC 333  Advanced Experimental Psychology: Motivation & Emotion  Credits: 3
PSYC 358  Industrial/Organizational Psychology  Credits: 3
SOCI 331  Racial & Ethnic Relations in America  Credits: 3
SOCI 445  Social Stratification  Credits: 3
SPCH 200  Small Group Communication  Credits: 3
SPCH 301  Risk and Crisis Communication  Credits: 3
SPCH 303  Advanced Public Speaking  Credits: 3
SPCH 360  Organizational Communication & Interviewing Techniques  Credits: 3

B. Human Resource Management Concentration (12 Credits)
Choose three courses from the list below: (9 Credits)
MGMT 330  Organizational Behavior and Theory  Credits: 3
MGMT 332  Interpersonal Skills in Organizations  Credits: 3
MGMT 333  Conflict Resolution  Credits: 3
MGMT 351  Organization Development and Change  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

Choose any one of the following electives: (3 Credits)
ART 240  Concepts of Graphic Design  Credits: 3
ENG 360  Scientific & Technical Writing  Credits: 3
HIST 364  Immigration & Ethnicity in U.S. History  Credits: 3
PHIL 105  Ethical Issues in Business  Credits: 3
PHIL 305  Law, Liberty & Morality  Credits: 3
PSYC 317  Social Psychology  Credits: 3
PSYC 325  Attitudes & Persuasion  Credits: 3
PSYC 333  Advanced Experimental Psychology: Motivation & Emotion  Credits: 3
PSYC 358  Industrial/Organizational Psychology  Credits: 3
SOCI 331  Racial & Ethnic Relations in America  Credits: 3
SOCI 445  Social Stratification  Credits: 3
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<tr>
<td>SPCH 200</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 360</td>
<td>Organizational Communication &amp; Interviewing Techniques</td>
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C. International Management Concentration (12 Credits)

**Choose one of these courses that was NOT taken as the Business Core requirement: (3 Credits)**

- ECON 470 International Business & Economics
- MGMT 440 International Management

**Choose two International Management courses from list below: (6 Credits)**

- AGBU 420 International Agribusiness Management
- MGMT 330 Organizational Behavior and Theory
- MGMT 333 Conflict Resolution
- MGMT 450 Diversity Management
- MKTG 471 International Marketing
- SPAN 3XX

Notes: 3 credits can come from a FRLG (Foreign Language) class at the 300 level

Choose one of the following electives: (3 Credits)

- ART 255 American Art History
- HIST 364 Immigration & Ethnicity in U.S. History
- LIT 370 Contemporary World Literature
- PHIL 105 Ethical Issues in Business
- POL 200 International Politics
- POL 355 World Political Geography
- POL 356 Politics of Global Economy
- POL 360 American Foreign Policy
- SOCI 331 Racial & Ethnic Relations in America

Total Credits: **57-60**

**Minor: Management (15 Credits)**

A. Required Courses: (9 Credits)

- MGMT 300 Management Principles
- MGMT 350 Human Resources

One of the following courses:

- ECON 470 International Business & Economics
- MGMT 440 International Management

B. Management Courses: (6 Credits)

Select two from the following: (6 Credits)

- MGMT 330 Organizational Behavior and Theory
- MGMT 332 Interpersonal Skills in Organizations
- MGMT 333 Conflict Resolution
- MGMT 422 Prod & Oper Management
- MGMT 450 Diversity Management
- MGMT 454 Labor Relations
- MGMT 460 Leadership and Team Management

Minor: Management Notes:

Courses for the minor cannot be double-counted to meet the requirements of another major or minor.

Total Credits: **15**

**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: (18 Credits)

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<td>MGMT 221</td>
<td>Computer Concepts and Applications</td>
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B. Upper-Division Courses: (21 Credits)

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C. Elective Courses (Minimum of 3):

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<td>BADM 360</td>
<td>Insurance and Risk Management</td>
<td>3</td>
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<tr>
<td>ECON 470</td>
<td>International Business &amp; Economics</td>
<td>3</td>
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<tr>
<td>MGMT 323</td>
<td>Project Management</td>
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<tr>
<td>MGMT 332</td>
<td>Interpersonal Skills in Organizations</td>
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<td>MGMT 460</td>
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<tr>
<td>MGMT 491</td>
<td>Senior Seminar-Management</td>
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</tbody>
</table>

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

FIRE 300 Literature, Methods & Statistics for the Fire Service
An introduction to fire service literature, research tools and methods of identifying and acquiring necessary information. Statistical analysis of fire service problems and the application of data to decision-making. This course includes significant applied research and writing projects.

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

FIRE 301 Fire Prevention Management
Planning, promoting and managing fire prevention functions. Topics include needs assessment, legal responsibilities, negotiation, planning, management techniques and evaluation. Arson management, public fire safety education, inspection and enforcement management are key components of this course. Identifying at-risk populations and targeting outreach programs will be examined.

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

FIRE 302 Fire Service Health & Safety
Occupational hygiene as applied to the unique and peculiar needs of the emergency services. This focus will be on fire departments in emergency and non-emergency settings. In addition to regulatory compliance issues, students will examine risk analysis and management. Wellness, employee assistance and stress management programs will be examined.

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

FIRE 303 Fire Service Leadership

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Leadership, project management, strategic planning, project implementation and evaluation. Subjects include various approaches to leadership including Traditional, Transactional, Feminist, and Transformational philosophies as applied to fire service organizations.

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

**FIRE 401 Community Risk Management**  
Credits: 3  
Comprehensive, multi-jurisdictional, multidisciplinary approach to community threat analysis, disaster planning and response. Strategies for dealing with dwindling resources and expanding expectations. Included are building coalitions to accomplish the changing mission of the public services and identifying and analyzing potential for natural and human-made disasters.

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

**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: N/A Spring: N/A Summer: N/A

**MGMT 220 Building Software Skills**  
Credits: 3  
Development of proficiency in using microcomputer software such as spreadsheets and database managers. Use of software for business problem-solving.

Pre-Requisites: MATH 110 or MATH 115 or MATH 140  
Course Frequency: Fall: N/A 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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**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: N/A 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 or BADM 230 and MATH 115 or BADM 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
Leadership Dynamics is intended to help students think about what leadership means within and beyond the context of personal leadership. It begins by exploring leadership of the self and then attempts to build a bridge from the self (intrapersonal) to others (interpersonal) in the process of actual organizational and social change. This experience is intended to invite students to reflect on and anticipate ways in which they will develop and extend their leadership throughout their careers and lifetimes, and to develop and enhance skills in an effort to maximize leader/manager effectiveness.

Pre-Requisites: MGMT 360 or BADM 388  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

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 or BADM 380  
Course Frequency: Fall: N/A  Spring: N/A  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 or BADM 380  
Course Frequency: Fall: N/A  Spring: N/A  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: N/A  Spring: N/A  Summer: N/A

MGMT 350 Human Resources  
Credits: 3
Personnel management, including job analysis, selection and placement, training and development, evaluation, safety, and health.

Pre-Requisites: MGMT 300 or BADM 380  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

MGMT 351 Organization Development and Change  
Credits: 3
Examines various applied behavioral science approaches to planning and implementing organizational development and change. Course topics include the history, nature, and process of organization development and change. The course will focus specifically on organizational intervention theory and techniques. All majors are welcome in this course. Anyone involved in an organizational setting (private or public sector) will benefit from understanding how to analyze the implement organizational change.

Pre-Requisites: MGMT 300  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

MGMT 360 Theories of Leadership  
Credits: 3
Introduction to various theories of leadership that will provide students with the necessary framework from which to begin their thinking on leadership. Trait Theories, Power and Influence Theories, Behavioral Theories, Contingency Theories, Cultural and Symbolic Theories, as well as emerging leadership and "anti-leadership" theories will be explored.

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

MGMT 361 Personal Leadership  
Credits: 3
The purpose of this course is to enable students to articulate a compelling vision for their professional and personal lives and to develop the commitment, confidence, and skills necessary to translate their dreams into action. The intended outcome is an enhanced feeling of direction and control over one's life, and an ability to live consistently with one's vision, values, purpose and goals for life and work, and to make choices consistent with one's ideals. As students assume positions of increasing responsibility for other people in organizations, this course will strengthen their ability to help others realize their highest aspirations for work and life.

Pre-Requisites: MGMT 360 or BADM 388  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A
MGMT 370 Health Services Systems and Information
This introductory course explores the role of health care administrator in relation to information technology in the health care setting, and how computers enhance health care practice. This course includes analysis of components of computers and networks; and development, enhancement, and selection of health care information system(s). Management and uses of medical databases for health care administrators will be covered. Further topics will include the process of transforming data into usable information, personnel and training issues, understanding the roles of Information Service Department, Telemedicine, and the Internet/WEB.

Pre-Requisites: MGMT 221 or BADM 280
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 371 Healthcare Administration
This course is intended to present students with an overview of the formation and operation of healthcare facilities with an emphasis on planning, implementing and managing. This course emphasizes the relationship and impact of theories, policies, strategies and styles of management within a healthcare organization. Students will focus on the integration of facilities and departments within the organization observing, monitoring and evaluating outcomes and customer satisfaction.

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

Credits: 3

MGMT 372 US Healthcare Delivery, Service, and Systems
This course will provide students with information regarding fundamental management principles and special concerns and problems dealing with gerontology and long-term care settings at home and in a variety of institutions. This course will focus on Federal and State regulations, third party reimbursement regulations, health and safety codes, residents' rights and the regulatory survey process. The students will learn tools to assess residents' quality of care and quality of life. Students will review issues relating to ethics, guardianship and conservatorship, liability, negligence and malpractice.

Pre-Requisites: MGMT 300 or BADM 380
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 420 Management Information Systems
Examines the role of information systems in management decision-making, systems theory, and current issues in information systems.

Pre-Requisites: MGMT 221 and MGMT 300 or BADM 380 and MGMT 221 or BADM 280 and MGMT 300 or BADM 380
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 422 Prod & Oper Management
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 FIN 230 and MATH 150 and MGMT 300 MATH 110 and MGMT 300 or FIN 230 and MATH 115 and MGMT 300 or FIN 230 and MATH 140 and MGMT 300 or Course Frequency:
Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 424 Simulation of Industrial and Management Systems
Methods of simulating industrial and management systems. Computer simulations of business and management decision-making.

Pre-Requisites: FIN 230 and MGMT 221 or BADM 280 and FIN 230 or BADM 230 and MGMT 221 or BADM 230 and BADM 280
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 440 International Management
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: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 450 Diversity Management
A study of management issues associated with a diverse workforce. Topics include history, legal perspective, kinds of diversity, and management/organizational initiatives for diversity.

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

Credits: 3

MGMT 451 Training & Development
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: N/A Summer: N/A

Credits: 3
MGMT 452 Staffing Management
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.

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

Credits: 3

MGMT 453 Compensation and Benefits
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 BADM 230 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 454 Labor Relations
This course examines behavior by individuals and groups in unions, management, and government.

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

Credits: 3

MGMT 460 Leadership and Team Management
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 or BADM 380 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 461 Professional Field Capstone
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: MGMT 300 and PBAD 325 and PBAD 350 and PBAD 410 MGMT 350 and MGMT 451 and MGMT 460 and

Credits: 3

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A

MGMT 462 Strategic Leadership
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 leadershiping 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 or BADM 388 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 470 Long Term Care Administration
This course will provide students with information regarding fundamental management principles and special concerns and problems dealing with gerontology and long-term care settings at home and in a variety of institutions. This course will focus on Federal and State regulations, 3rd party reimbursement regulations, health and safety codes, resident's rights and the regulatory survey process. The students will learn tools to assess resident's quality of care and quality of life. Students will review issues relating to ethics, guardianship and conservatorship, liability, negligence and malpractice.

Pre-Requisites: MGMT 300 or BADM 380 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 471 Managed Care
This course will provide students with an understanding of the origins, organizations and operations of manage care programs. Students will examine the complexities of the provider-consumer-payer arrangements in a changing and expanding managed care environment. They will review structures, practice models, role of clinicians, capitation and the health service payment systems.

Pre-Requisites: MGMT 300 or BADM 380 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 3

MGMT 472 US Services, Programs, Issues & Trends in Healthcare
This course provides an orientation to various analytical and substantive components that are fundamental to becoming familiar with services, programs, issues and trends in Healthcare. Specifically, students will gain an awareness of the complexities of health issues, the historical evolution of issues and themes, and the nature of how different interests and actors interact. Students will learn commonly used frameworks for
policy analysis and then apply them to a range of prominent, contemporary health care issues and trends.

**Pre-Requisites:** MGMT 300 or BADM 380  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**MGMT 473 Practicum in Healthcare**  
**Credits:** 3

The Practicum provides students with an opportunity to apply their skills in a work setting. It's important that students select a practicum site that can accommodate student learning and skill acquisition. The Practicum of 400 hours is required for those students applying for the Nursing Home Administers License who do not have current nursing home experience.

**Pre-Requisites:** MGMT 300 or BADM 380  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**MGMT 474 Nursing Home Administrator Exam Preparation Course**  
**Credits:** 1

This course will prepare students to take the Minnesota State Rules Exam and the National Association of Boards of Examiners for Long Term Care Administrators (NAB) exams. These two exams are essential to receiving the Nursing Home Administrators and Residential Care-Assisted Living Administrators license in Minnesota. This course will prepare students for the tests in South Dakota and Iowa.

**Pre-Requisites:** MGMT 300 or BADM 380  
**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.

**Permissions:** Instructor's permission required  
**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:** BADM 230 and senior status. BADM 305 and senior status. BADM 350 and senior status. BADM 380 and senior status. ECON 201 and senior status. MKTG 301 or senior status. BADM 230 and senior status. BADM 280 and senior status. BADM 350 and senior status. BADM 390 and senior status. BADM 230 and senior status. BADM 350 and senior status. BADM 280 and senior status. BADM 350 and senior status. BADM 390 and senior status. ECON 201 and senior status. MKTG 301 or senior status. BADM 230 and senior status. BADM 280 and senior status. BADM 230 and senior status.  
**Course Frequency:** Fall: N/A Spring: N/A 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.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**MGMT 495 Senior Examination**  
**Credits:** 0

A comprehensive examination covering the Management major.

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

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
MARKETING • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: ST 203A
Phone Number: 507-537-6223
Staff & Faculty: Denise Gochenouer, Michael Rich

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 be 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.

MARKETING

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)

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
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<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
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<tr>
<td>BADM 305</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
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<td>ECON 202</td>
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<td>3</td>
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<tr>
<td>FIN 230</td>
<td>Business Statistics I</td>
<td>3</td>
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<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
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<tr>
<td>MGMT 221</td>
<td>Computer Concepts and Applications</td>
<td>3</td>
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<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
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<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
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Choose one course: (3 Credits)

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECON 470</td>
<td>International Business &amp; Economics</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 440</td>
<td>International Management</td>
<td>3</td>
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</tbody>
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MARKETING • 2012-2013
II. Marketing Core: (15 Credits)
- MKTG 331 Professional Selling 
- MKTG 381 Advertising Management 
- MKTG 421 Business-to-Business Marketing 
- MKTG 441 Marketing Research 
- MKTG 491 Strategic Marketing Policy

III. Marketing Electives: (9 Credits)
- MKTG 321 Retail Management
- MKTG 391 Consumer Behavior
- MKTG 411 Integrated Marketing Communications (IMC)
- MKTG 431 Sales Management
- MKTG 451 e-Marketing
- MKTG 461 Entrepreneurship
- MKTG 471 International Marketing

Optional Internship:
- MGMT 499 Management Internship
- MKTG 499 Internship in Marketing

Optional Interdisciplinary Course: (3 Credits)
- ART 141 Digital Publishing
- ART 240 Concepts of Graphic Design
- BADM 355 Business Law II
- PHIL 105 Ethical Issues in Business
- PSYC 318 Group Dynamics
- PSYC 358 Industrial/Organizational Psychology
- SPCH 200 Small Group Communication
- SPCH 210 Intro to Public Relations
- SPCH 303 Advanced Public Speaking

Total Credits: 57

Associated in Science: Marketing (60 Credits)

I. Business Core: (15 Credits)
- ACCT 211 Principles of Accounting I 
- ACCT 212 Principles of Accounting II 
- FIN 350 Managerial Finance 
- MGMT 300 Management Principles 
- MKTG 301 Principles of Marketing

II. Marketing: (15 Credits)
- MKTG 331 Professional Selling 
- MKTG 381 Advertising Management 
- MKTG 421 Business-to-Business Marketing 
- MKTG 451 e-Marketing

Choose one of the following Marketing electives: (3 Credits)
- ENGL 331 Business Communications 
- MKTG 321 Retail Management 
- MKTG 391 Consumer Behavior 
- MKTG 431 Sales Management 
- MKTG 461 Entrepreneurship

III. Minnesota Transfer Curriculum (MnTC) for A.S. Degree: (30 Credits)

MnTC Goal 1: Communication (3 courses, 10 credits)
- ENGL 151 Academic Writing 
- ENGL 251 Writing in Professions 
- SPCH 110 Essentials of Speaking and Listening

MnTC Goal 2: Critical Thinking (1 course, 3 credits)
- IDST 100 First Year Seminar
Notes:
See the complete MnTC Goal 3 list here.

Notes:
See the complete MnTC Goal 6 list here.

Notes:
Choose one course from MnTC Goals 3, 5, 6, 7, 8, 9, or 10 (3 credits). See the complete MnTC Goals list here.

MnTC Goal 3: Natural Sciences (2 courses with labs, 8 credits)

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)

Additional MnTC Goal:

Total Credits: 60

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

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: (18 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
MGMT 221  Computer Concepts and Applications ............................................................................................ Credits: 3
B. Upper Division Marketing Courses: (18 Credits)
   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: (9 Credits)
   BADM 305 Business Law I .......................................................................................................................... Credits: 3
   ECON 470 International Business & Economics ......................................................................................... Credits: 3
   FIN 350 Managerial Finance ...................................................................................................................... Credits: 3

D. Electives: (15 Credits)
   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.

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: N/A Spring: N/A Summer: N/A

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: N/A 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: N/A Spring: N/A Summer: N/A
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: N/A Spring: N/A Summer: N/A

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: N/A 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: N/A

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: N/A 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: N/A 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: N/A 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: N/A 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: 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: N/A 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: N/A 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.

**Permissions:** Instructor's permission required  **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: N/A 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.

**Permissions:** Instructor's permission required  **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
MATHEMATICS • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office:  SM 178
Phone Number:  507-537-6178
Staff & Faculty:  Tumpa Bhattacharyya, Mu-wan Huang, Carl Olimb, Sami Shahin, Undupitiya Wijesiri

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.

MATHEMATICS

Bachelor of Arts: Mathematics (44 Credits)

I. Required Courses in Mathematics: (29 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
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<td>MATH 151</td>
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<tr>
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<td>3</td>
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<td>3</td>
</tr>
<tr>
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<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 360</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 480</td>
<td>Mathematics Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

II. Mathematics Electives: (9 Credits)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MATH 4XX</td>
<td>MATH courses numbered 400 or above</td>
<td>9</td>
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III. Additional Courses: (6 Credits)

<table>
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<tr>
<td>MATH 3XX</td>
<td>MATH Courses at the 300 level or above</td>
<td>6</td>
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</table>

Total Credits: 44

Bachelor of Science: Mathematics Education (44 Credits)

I. Required Courses in Mathematics: (32 Credits)

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<td>Calculus III</td>
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</tr>
<tr>
<td>MATH 300</td>
<td>Modern Geometry</td>
<td>3</td>
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III. Additional MATH Courses (3 Credits)

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<td>MATH courses at the 300 level or above</td>
<td>3</td>
</tr>
</tbody>
</table>

Special Notes:

Notes:
1. A student must fulfill the 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)

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<tbody>
<tr>
<td>MATH 2XX</td>
<td>MATH courses at the 200 level or above</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Credits: 22

MATH 060 Intermediate Algebra  
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: N/A

MATH 101 Great Ideas of Math  
This course seeks to contribute to a student's appreciation and understanding of mathematics with an investigation of selected historical and current mathematical ideas. Emphasis is placed on the application of these ideas and how they have been used to understand and approach problems in a variety of areas in our world today. The required preparation is MATH 060 or two years of high school mathematics.

Goals: Math/Logical Reasoning (04)  
Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MATH 103 Introduction to Math Modeling  
Mathematical models used to solve everyday problems. The required preparation is MATH 060 or two years of high school mathematics.

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

MATH 110 College Algebra  
Mathematics topics for students whose backgrounds are insufficient for them to begin their study of mathematics at a higher level. Topics include: equations and inequalities, functions, graphs, polynomials, systems of equations, matrices, and determinants. The required preparation is MATH 060 or two years of high school mathematics, including at least one year of algebra.

Goals: Math/Logical Reasoning (04)  
Course Frequency: Fall: All Years Spring: All Years Summer: All Years

MATH 115 Finite Mathematics  
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.

Goals: Math/Logical Reasoning (04)  
Course Frequency: Fall: All Years Spring: All Years Summer: All Years

MATH 125 Trigonometry & Special Functions  
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.

Goals: Math/Logical Reasoning (04)  
Course Frequency: Fall: N/A Spring: All Years Summer: N/A

MATH 129 Mathematics for Elementary Education  
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.

Credits: 3
**Pre-Requisites:** MATH 110 or MATH 125 or MATH 135 or MATH 140 or MATH 150

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

**Credits:** 5

**MATH 135 Precalculus**
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. The required preparation is MATH 110 or three years of high school mathematics, including two years of algebra.

**Goals:** Math/Logical Reasoning (04)

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

**Credits:** 3

**MATH 140 Calculus: A Short Course**
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.

**Goals:** Math/Logical Reasoning (04)

**Course Frequency:**
- Fall: On Demand
- Spring: On Demand
- Summer: N/A

**Credits:** 5

**MATH 150 Calculus I**
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.

**Goals:** Math/Logical Reasoning (04)

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

**Credits:** 5

**MATH 151 Calculus II**
Applications of integration. Sequences and series, analytical geometry, parametric equations, polar coordinates, vectors, and geometry of two- and threespace.

**Pre-Requisites:** MATH 150

**Goals:** Math/Logical Reasoning (04)

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

**Credits:** 3

**MATH 200 Intro to Statistics**
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.

**Course Frequency:**
- Fall: All Years
- Spring: All Years
- Summer: On Demand

**Credits:** 3

**MATH 210 Discrete Mathematics**
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: On Demand
- Spring: On Demand
- Summer: N/A

**Credits:** 3

**MATH 252 Calculus III**
Differential and integral calculus of Euclidean three-space using vector notation.

**Pre-Requisites:** MATH 151

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

**Credits:** 3

**MATH 286 Special Topics in Mathematics**

**MATH 292 Honors Credit in Math**
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.

**Permissions:** Instructor's permission required

**Course Frequency:**
- Fall: On Demand
- Spring: On Demand
- Summer: N/A

**Credits:** 1 - 4

**MATH 300 Modern Geometry**
The postulation systems of geometry, including Euclidean and non-Euclidean geometries, projective and affine geometry.

**Pre-Requisites:** MATH 151

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

**Credits:** 3

**MATH 305 History of Mathematics**
Lives and contributions of mathematicians and the development of ideas and branches of mathematics.
Pre-Requisites: MATH 151 Course Frequency: Fall: On Demand Spring: On Demand 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: On Demand Spring: On Demand 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.

Pre-Requisites: MATH 150 sophomore status. Course Frequency: Fall: N/A Spring: All Years Summer: N/A

MATH 325 Combinatorics Credits: 3
A survey of some of the techniques of combinatorials 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: On Demand Spring: On Demand Summer: N/A

MATH 350 Differential Equations Credits: 3
Exact solutions and applications of differential equations.

Pre-Requisites: MATH 151 Course Frequency: Fall: All Years Spring: N/A Summer: N/A

MATH 355 Applied Mathematics Credits: 3
Partial differential equations of physics, orthogonal sets of functions, Fourier series, boundary value problems, and applications of these topics.

Pre-Requisites: MATH 252 and MATH 350 Course Frequency: Fall: On Demand Spring: On Demand 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: On Demand Spring: On Demand 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.

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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: On Demand Spring: On Demand Summer: N/A

MATH 431 Probability & Statistics II Credits: 3
A continuation of MATH 430 (Probability & Statistics)
MATH 430 Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

Topics may include groups, rings, fields, or fields

MATH 440 Abstract Algebra Credits: 3

Pre-Requisites: MATH 252 and MATH 320

MATH 441 Abstract Algebra II Credits: 3

Basic algebraic systems, including groups, rings, fields, and modules.

Pre-Requisites: MATH 440

MATH 450 Advanced Calculus Credits: 3

A theoretical investigation of calculus including sequences, limits and continuity of functions, differentiations, and integration.

Pre-Requisites: MATH 252 and MATH 320

MATH 451 Advanced Calculus II Credits: 3

A theoretical investigation of calculus of several variables, metric spaces, sequences and series of functions; theory of integration.

Pre-Requisites: MATH 450

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 junior status.

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 problem solving or research project. Repeatable for a total of four credits.

Course Frequency: Fall: All Years Spring: N/A 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.

Permissions: Instructor's permission required

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.

Permissions: Instructor's permission required

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: On Demand Spring: On Demand Summer: Odd Years

MATH 510 Topics in Number Theory Credits: 4

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, primarly 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: *On Demand* Spring: *On Demand* Summer: *Even Years*

**MATH 515 Advanced Topics in Discrete Mathematics**
Credits: 4
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: *On Demand* Spring: *On Demand* Summer: *Even Years*

**MATH 530 Statistics**
Credits: 4
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: *On Demand* Spring: *On Demand* Summer: *Odd Years*

**MATH 545 GS:Higher 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.

**Permissions**: Instructor's permission required

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

**MATH 550 GS:Real Analysis**
Credits: 3
The objective of this course is to present calculus in a setting of sufficient generality to provide a reasonable foundation in mathematical analysis. The emphasis is on abstraction, concreteness and simplicity. Such important concepts as metric space, compactness, and uniform convergence are explored.

**Pre-Requisites**: MATH 440

**Permissions**: Instructor's permission required

**Course Frequency**: Fall: *On Demand* Spring: *On Demand* 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: *On Demand* Spring: *On Demand* Summer: *N/A*
MUSIC • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: FA 207
Phone Number: 507-537-7103
Staff & Faculty: John Ginocchio, Stephen Kingsbury, Daniel Rieppel

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 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.

MUSIC

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)

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<tbody>
<tr>
<td>MUS 110</td>
<td>Public Performance Studies</td>
<td>0</td>
</tr>
<tr>
<td>MUS 172</td>
<td>Music Theory I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 172L</td>
<td>Music Theory I Lab</td>
<td>1</td>
</tr>
<tr>
<td>MUS 174</td>
<td>Music Theory II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 174L</td>
<td>Music Theory Lab II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 260</td>
<td>Piano Competency</td>
<td>0</td>
</tr>
<tr>
<td>MUS 272</td>
<td>Music Theory III</td>
<td>2</td>
</tr>
<tr>
<td>MUS 272L</td>
<td>Music Theory Lab III</td>
<td>1</td>
</tr>
<tr>
<td>MUS 274</td>
<td>Music Theory IV</td>
<td>2</td>
</tr>
<tr>
<td>MUS 274L</td>
<td>Music Theory Lab IV</td>
<td>1</td>
</tr>
<tr>
<td>MUS 300</td>
<td>Junior Proficiency Exam</td>
<td>0</td>
</tr>
<tr>
<td>MUS 366</td>
<td>Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MUS 370</td>
<td>Form and Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MUS 377</td>
<td>Orchestration &amp; Choral Arranging</td>
<td>2</td>
</tr>
<tr>
<td>MUS 381</td>
<td>Music History: Medieval through Baroque</td>
<td>3</td>
</tr>
<tr>
<td>MUS 382</td>
<td>Music History: Classic-20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: MUS 110 Public Performance Studies: Students are required to enroll and pass 7 semesters.

Major Ensembles* (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 333</td>
<td>Jazz Band</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 335</td>
<td>Symphonic Band</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 337</td>
<td>SW Minnesota Orchestra</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 355</td>
<td>Concert Choir</td>
<td>0 - 2</td>
</tr>
</tbody>
</table>

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 3XX  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: (6 Credits)
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
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 327  Applied Improvisation ....................................................................................................................................... Credits: 2
MUS 351  Applied Voice ....................................................................................................................................................... Credits: 2
MUS 361  Applied Piano ........................................................................................................................................................ Credits: 2
MUS 399  Junior Recital ......................................................................................................................................................... Credits: 0
MUS 3XX  Primary Lessons .................................................................................................................................................. Credits: 12
MUS 3XX  Secondary Lessons ................................................................................................................................................ Credits: 4
MUS 474  Music Management & Public Relations .................................................................................................................. Credits: 3
MUS 497  Senior Instrumental Recital ................................................................................................................................. Credits: 0 - 1
Notes:
Lessons must be taken concurrently with MUS 399 Junior Recital & MUS 497 Senior Recital.

Instrumental Methods Elective (2 Credits)
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 Recital ......................................................................................................................................................... Credits: 0
MUS 474  Music Management & Public Relations ................................................................................................................ Credits: 3
MUS 497  Senior Instrumental Recital ................................................................................................................................. Credits: 0 - 1
Notes:
MUS 361  Applied Piano must be taken concurrently with MUS 399 Junior Recital & MUS 497 Senior Recital.

Applied Piano: (14 Credits)
MUS 361  Applied Piano ....................................................................................................................................................... Credits: 2

Harpischord: (2 Credits)
MUS 363  Applied Harpsichord........................................................................................................................................... Credits: 2

Select from the following Teaching Methods Courses: (4 Credits)
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 373  Applied Counterpoint .......................................................................................................................................... Credits: 2
MUS 3XX  Secondary Lessons ................................................................................................................................................ Credits: 4
MUS 3XX  Primary Lessons ................................................................................................................................................... Credits: 6
MUS 498  Senior Composition Recital ................................................................................................................................ Credits: 0

Composition (6 Credits)
MUS 375  Applied Composition .......................................................................................................................................... Credits: 2

Piano (4 Credits)
MUS 361  Applied Piano ....................................................................................................................................................... Credits: 2
Notes: If piano is the primary instrument, choose a different secondary instrument.

Select two Musical Cultural Electives from the following: (6 Credits)
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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 399</td>
<td>Junior Recital</td>
<td>0</td>
</tr>
<tr>
<td>MUS 454</td>
<td>Vocal Pedagogy</td>
<td>1 - 2</td>
</tr>
<tr>
<td>MUS 455</td>
<td>Vocal Diction/Literature</td>
<td>2</td>
</tr>
<tr>
<td>MUS 474</td>
<td>Music Management &amp; Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>MUS 496</td>
<td>Senior Vocal Recital</td>
<td>0 - 1</td>
</tr>
</tbody>
</table>

Notes: Lessons must be taken concurrently with MUS 399 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 (14 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 351</td>
<td>Applied Voice</td>
<td>2</td>
</tr>
</tbody>
</table>

Piano (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 361</td>
<td>Applied Piano</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credits: 45-58

Bachelor of Arts: Music (with emphasis in Management) (72 Credits)

I. Core Music Requirements (39 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 110</td>
<td>Public Performance Studies</td>
<td>0</td>
</tr>
<tr>
<td>MUS 172</td>
<td>Music Theory I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 172L</td>
<td>Music Theory I Lab</td>
<td>1</td>
</tr>
<tr>
<td>MUS 174</td>
<td>Music Theory II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 174L</td>
<td>Music Theory Lab II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 260</td>
<td>Piano Competency</td>
<td>0</td>
</tr>
<tr>
<td>MUS 272</td>
<td>Music Theory III</td>
<td>2</td>
</tr>
<tr>
<td>MUS 272L</td>
<td>Music Theory Lab III</td>
<td>1</td>
</tr>
<tr>
<td>MUS 300</td>
<td>Junior Proficiency Exam</td>
<td>0</td>
</tr>
<tr>
<td>MUS 361</td>
<td>Applied Piano</td>
<td>2</td>
</tr>
<tr>
<td>MUS 381</td>
<td>Music History: Medieval through Baroque</td>
<td>3</td>
</tr>
<tr>
<td>MUS 382</td>
<td>Music History: Classic-20th Century</td>
<td>3</td>
</tr>
<tr>
<td>MUS 3XX</td>
<td>Primary Lessons</td>
<td>6</td>
</tr>
<tr>
<td>MUS 474</td>
<td>Music Management &amp; Public Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: MUS 110 Public Performance Studies: Students are required to enroll and pass 3 semesters.

Major Ensembles* (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 333</td>
<td>Jazz Band</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 335</td>
<td>Symphonic Band</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 336</td>
<td>Marching Band</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 337</td>
<td>SW Minnesota Orchestra</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 355</td>
<td>Concert Choir</td>
<td>0 - 2</td>
</tr>
</tbody>
</table>

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: (7 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 101</td>
<td>Survey of World Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 102</td>
<td>American Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 104</td>
<td>Popular Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 274</td>
<td>Music Theory IV</td>
<td>2</td>
</tr>
<tr>
<td>MUS 274L</td>
<td>Music Theory Lab IV</td>
<td>1</td>
</tr>
<tr>
<td>MUS 370</td>
<td>Form and Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MUS 392</td>
<td>Elementary School Music Methods and Materials</td>
<td>2</td>
</tr>
<tr>
<td>MUS 3XX</td>
<td>Secondary Lessons</td>
<td>2</td>
</tr>
</tbody>
</table>

II. Core Business Requirements (36 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BADM 305</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 221</td>
<td>Computer Concepts and Applications</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
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<td>---------</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 350</td>
<td>Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 499</td>
<td>Management Internship</td>
<td>1 - 6</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: MGMT 499 Management Internship must be taken for 3 credits to meet requirements.

Select Three Courses from the following Business Electives: (9 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 330</td>
<td>Organizational Behavior and Theory</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 332</td>
<td>Interpersonal Skills in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 460</td>
<td>Leadership and Team Management</td>
<td>3</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 101</td>
<td>Survey of World Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 110</td>
<td>Public Performance Studies</td>
<td>0</td>
</tr>
<tr>
<td>MUS 140</td>
<td>Guitar Proficiency Class</td>
<td>1</td>
</tr>
<tr>
<td>MUS 172</td>
<td>Music Theory I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 172L</td>
<td>Music Theory I Lab</td>
<td>1</td>
</tr>
<tr>
<td>MUS 174</td>
<td>Music Theory II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 174L</td>
<td>Music Theory Lab II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 260</td>
<td>Piano Competency</td>
<td>0</td>
</tr>
<tr>
<td>MUS 272</td>
<td>Music Theory III</td>
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<td>MUS 272L</td>
<td>Music Theory Lab III</td>
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<tr>
<td>MUS 274</td>
<td>Music Theory IV</td>
<td>2</td>
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<tr>
<td>MUS 274L</td>
<td>Music Theory Lab IV</td>
<td>1</td>
</tr>
<tr>
<td>MUS 300</td>
<td>Junior Proficiency Exam</td>
<td>0</td>
</tr>
<tr>
<td>MUS 366</td>
<td>Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MUS 370</td>
<td>Form and Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MUS 377</td>
<td>Orchestration &amp; Choral Arranging</td>
<td>2</td>
</tr>
<tr>
<td>MUS 381</td>
<td>Music History: Medieval through Baroque</td>
<td>3</td>
</tr>
<tr>
<td>MUS 382</td>
<td>Music History: Classic-20th Century</td>
<td>3</td>
</tr>
<tr>
<td>MUS 392</td>
<td>Elementary School Music Methods and Materials</td>
<td>2</td>
</tr>
<tr>
<td>MUS 393</td>
<td>Secondary Ensemble &amp; Classroom Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes: MUS 110 Public Performance Studies: Students are required to enroll and pass 7 semesters.

Six Credits of Major Ensembles: (6 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 333</td>
<td>Jazz Band</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 335</td>
<td>Symphonic Band</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 337</td>
<td>SW Minnesota Orchestra</td>
<td>0 - 2</td>
</tr>
<tr>
<td>MUS 355</td>
<td>Concert Choir</td>
<td>0 - 2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 308</td>
<td>Instrumental Methods</td>
<td>3</td>
</tr>
<tr>
<td>MUS 361</td>
<td>Applied Piano</td>
<td>2</td>
</tr>
<tr>
<td>MUS 3XX</td>
<td>Primary Lessons</td>
<td>12</td>
</tr>
<tr>
<td>MUS 3XX</td>
<td>Secondary Lessons</td>
<td>4</td>
</tr>
<tr>
<td>MUS 408</td>
<td>Advanced Instrumental Methods</td>
<td>3</td>
</tr>
<tr>
<td>MUS 454</td>
<td>Vocal Pedagogy</td>
<td>1 - 2</td>
</tr>
</tbody>
</table>

Notes:
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/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: (12 Credits)
MUS 351  Applied Voice ........................................................................ Credits: 2

Applied Piano: (6 Credits)
MUS 361  Applied Piano ........................................................................ Credits: 2

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.

III. Professional Education Requirements

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
MUS 361  Applied Piano ........................................................................ Credits: 2
Notes: MUS 110 Public Performance Studies, students must enroll and pass 3 semesters to meet the minor requirements.

Applied Lessons: (4 Credits)
MUS 3XX  Primary Lessons or Applied Voice .............................................. Credits: 2

Select one Music History Course: (3 Credits)
MUS 381  Music History: Medieval through Baroque ................................ Credits: 3
MUS 382  Music History: Classic-20th Century ......................................... Credits: 3

Major Ensembles: (3 Credits)
MUS 333  Jazz Band ........................................................................ Credits: 0 - 2
MUS 335  Symphonic Band .................................................................... Credits: 0 - 2
MUS 337  SW Minnesota Orchestra ......................................................... Credits: 0 - 2
MUS 355  Concert Choir ....................................................................... Credits: 0 - 2
Notes: Minimum of 3 semesters required.

Music Electives: (5 Credits)
MUS XXX  Choose any Music Courses numbered 100-499 for a total of 5 credits. ... Credits: 5

Total Credits: 23

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.

Goals: Humanities/Fine Arts (06)
Course Frequency: Fall: All Years Spring: All Years Summer: All Years

MUS 101 Survey of World Music .............................................................. Credits: 3
This course explores the music of the worlds 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.
Goals: Humanities/Fine Arts (06), Global (08) Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 103 So You "Wanna" Compose? Credits: 3
Students will learn music fundamentals, ear training, keyboard skills and music notation, while learning different approaches to composing music. The course is open to all students. No previous training or experience is necessary.

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

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.

Goals: Humanities/Fine Arts (06) 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 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: On Demand Summer: N/A

MUS 161 Basic Piano Credits: 1
Private lessons for beginning through intermediate piano students, advanced students with limited practice time, and Music majors and minors in preparation for passing Piano Competency 260.

Permissions: Instructor's permission required Course Frequency: Fall: N/A 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: All Years 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 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 186 Special Topics  Credits: 1 - 4
MUS 250 Class Voice  Credits: 1
To provide the student with the opportunity to learn the fundamental techniques of solo singing through the basic instruction on posture, breath control, phonation, phrasing, interpretation, and representative vocal solo literature.

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

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 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 274 Music Theory IV  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.

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

MUS 274L Music Theory Lab IV  Credits: 1
Musicianship training in keyboard, sight singing, and ear training. To be taken concurrently with MUS 274.

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

MUS 286 Special Topics  Credits: 1 - 4
MUS 292 Honors in Music  Credits: 1 - 4
To provide honors students with the opportunity to do independent study for in-depth comprehensive study through research, active engagement in music appreciation, creativity, and other music-related activities to complement currently enrolled music courses.

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

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 304 Popular Music  Credits: 3
This course will include a short survey of popular music through the ages, with primary focus on popular music of the 20th century, exploring social, economic and political forces that have influenced it. An elective for students in music management and guitar.

Course Frequency: Fall: N/A Spring: N/A 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 or MUS 172  
Course Frequency: Fall: Odd Years Spring: N/A Summer: N/A  
Credits: 2

MUS 311 Applied Trumpet  
To advance the individual playing skills of each student electing such study and to gain mastery of representative brass literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 312 Applied Horn  
To advance the individual playing skills of each student electing such study and to gain mastery of representative brass literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 313 Applied Trombone  
To advance the individual playing skills of each student electing such study and to gain mastery of representative brass literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 314 Applied Euphonium  
To advance the individual playing skills of each student electing such study and to gain mastery of representative brass literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 315 Applied Tuba  
To advance the individual playing skills of each student electing such study and to gain mastery of representative brass literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 318 Applied Brass Methods  
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: On Demand Spring: On Demand Summer: N/A

Credits: 2

MUS 321 Applied Flute  
To enhance the individual playing skills of each student electing such study and to gain mastery of representative woodwind literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 322 Applied Oboe  
To enhance the individual playing skills of each student electing such study and to gain mastery of representative woodwind literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 323 Applied Clarinet  
To enhance the individual playing skills of each student electing such study and to gain mastery of representative woodwind literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 324 Applied Bassoon  
To enhance the individual playing skills of each student electing such study and to gain mastery of representative woodwind literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

MUS 325 Applied Saxophone  
To enhance the individual playing skills of each student electing such study and to gain mastery of representative woodwind literature.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand

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: On Demand Spring: On Demand Summer: N/A

**MUS 328 Applied Woodwind Methods**
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: On Demand Spring: On Demand Summer: N/A

**MUS 330 Applied Percussion Methods**
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: On Demand Spring: On Demand Summer: N/A

**MUS 331 Applied Percussion**
To advance the individual playing skills of each student electing such study and to gain mastery of representative percussion literature.

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

**MUS 332 Pep Band**
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**
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 334 Chamber Music**
The literature of chamber music in small groups by string, winds, percussion, and keyboard.

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

**MUS 335 Symphonic Band**
Preparation and performance of concert band and wind ensemble literature. Open to all students who play band instruments; on-campus and off-campus appearances.

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

**MUS 336 Marching Band**
Preparation and performance of half-time shows, parade marching, and other relevant maneuvers. Open to all students who play band instruments and who have experience with auxiliary units. On-campus and off-campus performances. Auditions for positions. Fall semester offering only.

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

**MUS 337 SW Minnesota Orchestra**
Open to all students, faculty, and other interested orchestral players.

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

**MUS 338 Collegium Musicum**
Recorders, krummhorns, voice, string, and keyboard instruments. Repertoire consisting of early music and music not frequently heard. Open to anyone regardless of musical background.
**Course Frequency:**

**MUS 339 Concert Band**
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:**

**MUS 341 Applied Violin**
To teach students to perform at many levels on stringed instruments.

**Course Frequency:**

**MUS 342 Applied Viola**
To teach students to perform at many levels on stringed instruments.

**Course Frequency:**

**MUS 343 Applied Cello**
To teach students to perform at many levels on stringed instruments.

**Course Frequency:**

**MUS 344 Applied Bass**
To teach students to perform at many levels on stringed instruments.

**MUS 348 Applied String Methods**
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:**

**MUS 349 Applied Guitar**
To advance the student's playing ability through the study of classical guitar literature and/or the vocabulary of jazz.

**Course Frequency:**

**MUS 351 Applied Voice**
To provide the student with the opportunity to develop an ability as a solo performer through individual study and presentation of the best vocal literature of all periods and by all composers.

**Course Frequency:**

**MUS 352 Vocal Ensemble**
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:**

**MUS 355 Concert Choir**
Performance of choral literature of all periods, voices, and nationalities. Open to all students by audition. Concurrent enrollment in MUS 352 (Vocal Ensemble) is required.

**Course Frequency:**

**MUS 357 Applied Opera Workshop**
Open to a selected group of students for performance of operatic literature, study of scores, acting, actual presentation of literature.

**Permissions:** Instructor's permission required

**Course Frequency:**

**MUS 361 Applied Piano**
To strive for command of the instrument so that the musical principles and ideas of the composer may be conveyed to the listener.
<table>
<thead>
<tr>
<th>Course Frequency: Fall: All Years Spring: All Years Summer: On Demand</th>
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<tbody>
<tr>
<td>MUS 362 Applied Organ</td>
</tr>
<tr>
<td>To give students the opportunity to develop the technical artistry on the organ necessary to accomplish their individual purposes and goals.</td>
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<tr>
<th>Course Frequency: Fall: N/A Spring: N/A Summer: N/A</th>
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<tr>
<td>MUS 363 Applied Harpsichord</td>
</tr>
<tr>
<td>To introduce harpsichord playing, its historical context and repertoire, and develop technical artistry. It is open to music students who would like to broaden their keyboard skills.</td>
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<tr>
<th>Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand</th>
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<tbody>
<tr>
<td>MUS 365 Applied Harp</td>
</tr>
<tr>
<td>Applied harp students will take individual and/or small group lessons. The course is intended to further student understanding of and performance skill on the harp.</td>
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<th>Course Frequency: Fall: All Years Spring: All Years Summer: N/A</th>
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<tr>
<td>MUS 366 Conducting</td>
</tr>
<tr>
<td>Basic concepts in choral and instrumental conducting, including: score reading, score interpretation, comprehensive musicianship, rehearsal techniques, and programming.</td>
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<tr>
<th>Pre-Requisites: MUS 174 Course Frequency: Fall: N/A Spring: Even Years Summer: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 367 Choral Conducting</td>
</tr>
<tr>
<td>Basic concepts in choral conducting, rehearsal techniques, style, interpretation, and programming.</td>
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<tr>
<th>Pre-Requisites: MUS 174 Course Frequency: Fall: N/A Spring: N/A Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td>MUS 368 Instrumental Conducting</td>
</tr>
<tr>
<td>Baton technique for instrumental conducting, score reading, score interpretation, rehearsal techniques, comprehensive musicianship, and performance practices.</td>
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<tr>
<th>Pre-Requisites: MUS 174 Course Frequency: Fall: N/A Spring: N/A Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td>MUS 370 Form and Analysis</td>
</tr>
<tr>
<td>Form and Analysis is dedicated to the detailed and visual analysis of musical examples of the principal forms used by the important composers of the Baroque, Classical, Romantic, and Modern periods.</td>
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<tr>
<th>Pre-Requisites: MUS 272 Course Frequency: Fall: N/A Spring: Even Years Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td>MUS 372 Counterpoint</td>
</tr>
<tr>
<td>Melodic structure and the combination of melodic lines in two, three, and four voices in 16th or 18th Century styles.</td>
</tr>
</tbody>
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<tr>
<th>Pre-Requisites: MUS 274 Course Frequency: Fall: N/A Spring: N/A Summer: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 373 Applied Counterpoint</td>
</tr>
<tr>
<td>Applied lessons in composing melodic structure and the combination of melodic line in two, three, and four voices in 16th or 18th century styles.</td>
</tr>
</tbody>
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<tr>
<th>Pre-Requisites: MUS 174 Course Frequency: Fall: All Years Spring: All Years Summer: N/A</th>
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<tbody>
<tr>
<td>MUS 374 Composition</td>
</tr>
<tr>
<td>Writing instrumental or vocal music in small forms.</td>
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<tr>
<th>Pre-Requisites: MUS 274 Course Frequency: Fall: N/A Spring: N/A Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td>MUS 375 Applied Composition</td>
</tr>
<tr>
<td>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.</td>
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<tr>
<th>Pre-Requisites: MUS 174 Course Frequency: Fall: All Years Spring: All Years Summer: N/A</th>
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</thead>
<tbody>
<tr>
<td>MUS 376 Orchestration</td>
</tr>
<tr>
<td>A study of ranges and capabilities of individual instruments of the orchestra, band, and other instrumental ensembles; arranging for sections and for the orchestra and band as a whole.</td>
</tr>
</tbody>
</table>
Pre-Requisites: MUS 174 and MUS 260  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: On Demand Spring: On Demand 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.

Goals: Humanities/Fine Arts (06)  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.

Goals: Humanities/Fine Arts (06)  Course Frequency: Fall: N/A Spring: Odd Years Summer: N/A  

MUS 390 Music Fundamentals for Elementary Teachers  Credits: 1  
A study of the fundamentals of music with applications for the elementary classroom. This course is designed for elementary education majors, non-music majors.

Course Frequency: Fall: All Years Spring: All Years Summer: On Demand  

MUS 391 Teaching Music in Elementary Schools  Credits: 2  
A study in methods and materials of music and techniques and principles of musical education in the elementary grades. The course is designed for Elementary Education majors, non-music majors.

Pre-Requisites: MUS 390  Course Frequency: Fall: All Years Spring: All Years Summer: On Demand  

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. The course is designed for Elementary Education majors, non-music majors.

Course Frequency: Fall: N/A Spring: N/A 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.

Pre-Requisites: MUS 172 or MUS 172  Course Frequency: Fall: N/A Spring: Even 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 394 Dalcroze, Orff & Kodaly Methods  Credits: 2  
Techniques for teaching music through the use of solfeggio, baryaphonic instruments, and movement in the elementary school classroom.

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

MUS 399 Junior 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.

Pre-Requisites: MUS 300

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 434 Chamber Music Workshop
Credits: 2

A concentrated course in chamber music offered for one week during the summer. Four hours of rehearsal and a concert daily.

Permissions: Instructor's permission required

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

MUS 450 Administration of Music Ensembles
Credits: 1

Principles, recruiting, organization, techniques, implementation, and procedures for teaching and administering secondary vocal and instrumental ensemble music programs.

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

MUS 451 Administration of Vocal Ensembles
Credits: 1

Principles, techniques, implementation, and procedures for teaching and administering secondary vocal-choral music programs.

Pre-Requisites: MUS 367

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

MUS 452 Administration of Instrumental Ensembles
Credits: 1

Scheduling, recruiting, and organization of instrumental groups with particular emphasis on those found in the public schools. Course will also survey some literature and rehearsal techniques.

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

MUS 453 Marching Band Techniques
Credits: 2

Materials, techniques, and organization of marching bands in the public schools. Fall semester offering only.

Course Frequency: Fall: N/A Spring: N/A 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 351

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

MUS 455 Vocal Diction/Literature
Credits: 2

Proper pronunciation, enunciation, articulation, and projection of English, Latin, Italian, German, and French texts and to study the representative vocal music literature in each language.

Pre-Requisites: MUS 351

Course Frequency: Fall: N/A Spring: Odd 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.

Permissions: Instructor's permission required

Course Frequency: Fall: On Demand Spring: On Demand Summer: On Demand

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.

Permissions: Instructor's permission required

Course Frequency: Fall: N/A Spring: N/A Summer: On Demand
MUS 466 Applied Piano Literature
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.

Permissions: Instructor's permission required
Course Frequency: Fall: On Demand Spring: On Demand
Summer: On Demand

MUS 468 Piano Pedagogy Workshop
For piano teachers, offered one week in the summer. Methods, techniques and performance.

Course Frequency: Fall: N/A Spring: N/A Summer: On Demand

MUS 470 Topical Seminar
Credits: 1 - 4

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: BADM 380 or MGMT 300
Course Frequency: Fall: All Years Spring: All Years Summer: N/A

MUS 476 Applied Choral Conducting
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
Permissions: Instructor's permission required
Course Frequency: Fall: All Years Spring: All Years Summer: N/A

MUS 477 Applied Instrumental Conducting
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
Permissions: Instructor's permission required
Course Frequency: Fall: All Years Spring: All Years Summer: N/A

MUS 485 Choral Techniques & Arranging
Credits: 2
Choral rehearsal techniques, performance, interpretation, and style of choral music of all periods. A survey of choral music literature with emphasis on school needs. Advanced study in technique of choral arranging and the use of counterpoint for students who have completed the two-year music theory sequence.

Pre-Requisites: MUS 367
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

MUS 486 Band History/Literature
Survey the history of bands, with an emphasis on the U.S. and bands in the public schools. Survey of literature from beginning level through college and professional bands.

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

MUS 487 Strings/Orch Hist & Lit
Survey the history of string and symphony orchestras. Survey literature from the beginning level through college/professional level.

Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required
Course Frequency: Fall: All Years Spring: All Years
Summer: N/A

MUS 495 Senior Seminar
A capstone course is required for all majors. Various projects are completed in this course, through research and performance.
Course Frequency: Fall: N/A  Spring: N/A  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 Performance or Piano Performance and Pedagogy. 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 Instrumental Recital and applied lessons on the primary instrument.

Pre-Requisites: MUS 300  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  Permissions: Instructor's permission required  Course Frequency: Fall: On Demand  Spring: On Demand  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
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:** BADM 380 or 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 612 GS:** Graduate Recital  
  - Credits: 2
- **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
PHILOSOPHY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: BA 109
Phone Number: 507-537-7206
Staff & Faculty: Stewart Day, Brett Gaul, J Kramer, Maureen Sander

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.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

PHILOLOGY

Bachelor of Arts: Philosophy (31 Credits)

I. Core Courses: (16 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 103</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 330</td>
<td>History of Philosophy I: Values</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 331</td>
<td>History of Philosophy II: Human Institutions</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 340</td>
<td>Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 432</td>
<td>History of Philosophy III</td>
<td>4</td>
</tr>
</tbody>
</table>

II. Philosophy Electives (15 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 3XX</td>
<td>Philosophy Courses numbered 300 or above</td>
<td>6</td>
</tr>
<tr>
<td>PHIL XXX</td>
<td>Philosophy Electives</td>
<td></td>
</tr>
</tbody>
</table>

Notes: * PHIL 286, PHIL 486, PHIL 396, and PHIL 494 may be repeated.

One of the following courses may be taken as an elective:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 301</td>
<td>Historiography</td>
<td>3</td>
</tr>
<tr>
<td>LIT 250</td>
<td>Critical Approaches to Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 31

Minor: Philosophy (19 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHIL 103</td>
<td>Ethics</td>
<td>3</td>
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<tr>
<td>PHIL 340</td>
<td>Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 432</td>
<td>History of Philosophy III</td>
<td>4</td>
</tr>
</tbody>
</table>

Take one of the following:

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<tr>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 330</td>
<td>History of Philosophy I: Values</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 331</td>
<td>History of Philosophy II: Human Institutions</td>
<td>3</td>
</tr>
</tbody>
</table>

Philosophy Electives

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL XXX</td>
<td>Philosophy Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Credits: 19

Minor: Pre-Law (30 Credits)

Students interested in a career in law should be aware that there is no Pre-Law major at this or any other university. Students interested in law are encouraged by all law schools to major in any academic field they find interesting or challenging. Any major in the liberal arts or sciences or the field of business is recommended. Once the student has decided on an academic major he or she should find a major advisor in that field. In the meantime, advising has been placed in the hands of the Philosophy program. Regardless of the major selected, all students are encouraged to consider the following Pre-Law minor, which has been approved by the Southwest Minnesota State University Faculty. It covers areas that will help the student score well on the LSAT exam and do well in first year or two of law school. It should be stressed that this minor is not required, but is strongly recommended for those students who want to do well on the LSAT and hope to attend law school.

Political Science Courses: (9 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 227</td>
<td>The Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>POL 415</td>
<td>Law &amp; Society</td>
<td>3</td>
</tr>
</tbody>
</table>

Take one of the following:
POL 328  Const Law I: Criminal Justice  Credits: 3
POL 351  Constitutional Law II: Civil Liberties  Credits: 3

Philosophy Courses: (6 Credits)
PHIL 331  History of Philosophy II: Human Institutions  Credits: 3
PHIL 340  Logic  Credits: 3

History Courses: (6 Credits)
HIST 221  Early America: History of the U.S. from the Colonial Era to the Civil War  Credits: 3
HIST 301  Historiography  Credits: 3

Communication Courses* (6 Credits)
ENG 361  Advanced Composition  Credits: 3

Notes: *Should be taken prior to junior year to prepare for LSAT. One year of SPCH 161: Forensics is strongly recommended

Business Courses: (3 Credits)
Take one of the following:
ACCT 211  Principles of Accounting I  Credits: 3
BADM 305  Business Law I  Credits: 3

Minor: Pre-Law Notes:
In the event that a student chooses to major in History, Philosophy, or Political Science, it is understood that only one 3-credit course will be taken from that discipline in this list of minor requirements. In order to complete the minor, the remaining credits will be selected from outside the major discipline from the following list of courses:

BADM 391 Business Law I
LIT 250 Critical Approaches to Literature
LIT 263 Poetry
PHIL 205 Law, Liberty and Morality
PHIL 330 History of Philosophy I: Values
POL 200 International Politics
POL 250 American Parties and Elections
POL 430 The U.S. Supreme Court

SPECIAL NOTE: To complete the Pre-Law minor, students must select one of the two following options to be completed prior to graduation:
Option A: Advocacy Session. The student will be expected to appear before a group of three or more faculty to argue a legal issue selected prior to the session.
Option B: Debate. The student, alone or in conjunction with other students, will debate a topic of timely interest with a similar number of faculty members. The session will be open to the public.

Total Credits: 30

PHIL 100 Philosophical Perspective  Credits: 3
This course provides an analysis of various philosophical problems and the methodologies used to address these problems.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: All Years Spring: All Years 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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: All Years Spring: All Years Summer: N/A

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.

Goals: Civic/Ethical (09) Course Frequency: Fall: All Years Spring: All Years Summer: N/A

PHIL 105 Ethical Issues in Business  Credits: 3
A course that focuses on business issues by way of learning general ethical theories and their practical application. Such issues as corporate responsibility, "whistle blowing," and truth-telling in advertising will allow a study of goals, consequences, and motives in ethics.

Goals: Civic/Ethical (09) Course Frequency: Fall: On Demand Spring: All Years Summer: N/A

PHIL 107 Environmental Ethics  Credits: 3
This course explores the ethical principles, attitudes, and values underlying our relationship with nature. Possible topics include aesthetic value, the role of virtue, animal rights, agricultural issues, and responsibility to the land.
Goals: Civic/Ethical (09) Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

PHIL 110 Introduction to Logic Credits: 3
This course is an introduction to Logical Reasoning. Logic is the study of reasoning as it is revealed through language and the science that evaluates ordinary language arguments. The aim of Logic is to develop a system of methods and principles that can be used as criteria for constructing and evaluating ordinary language arguments. The focus of this course is Formal Logic with emphasis in Syllogistic and Propositional Logic. This course is designed to help students understand the essential principles involved in the theory and practice of reasoned decision making through formal proofs.

Goals: Math/Logical Reasoning (04) Course Frequency: Fall: N/A Spring: N/A 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: On Demand 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.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: On Demand Spring: On Demand 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.

Goals: Global (08) Course Frequency: Fall: On Demand Spring: On Demand 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: On Demand Spring: On Demand 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 indepth or comprehensive study or research by certain students concurrently enrolled in at least one other Philosophy course.

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand 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, whistleblowing, 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.

Goals: Communication (01) Course Frequency: Fall: On Demand Spring: On Demand 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: Odd Years Summer: N/A

PHIL 310 Feminist Philosophy Credits: 3
This course is an introduction to issues in feminist philosophy, including its critique of Western philosophy and its contributions to major areas of philosophy such as ethics, social philosophy, theories of human nature, and theories of knowledge. The course begins with analysis of past philosophies and what a feminist critique of them requires, and gradually works toward a positive account of feminist theory, especially in contemporary philosophy. No philosophy background is assumed.

Goals: Diversity (07)  
Course Frequency: Fall: On Demand  
Spring: On Demand  
Summer: N/A

**PHIL 315 Philosophy in Literature**  
Credits: 3  
Focusses on philosophical issues discussed or suggested in works by such authors as Dostoevsky, Sartre, Camus, Kafka, Dante, and Cervantes.

**Course Frequency:** Fall: On Demand  
Spring: On Demand  
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. (Non-philosophy majors and minors see PHIL 220 with no prerequisites.)

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

**PHIL 322 Medical and Bioethics**  
Credits: 3  
This course explores

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

**PHIL 330 History of Philosophy I: Values**  
Credits: 3  
A historical survey of major ethical systems. Reading will be drawn from such philosophers as Plato, Aristotle, Hume, Kant, and Mill. Topics covered include virtue ethics, deontology, and utilitarianism.

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

**PHIL 331 History of Philosophy II: Human Institutions**  
Credits: 3  
A historical survey of political philosophy. Reading will be drawn from such philosophers as Plato, Aristotle, Hobbes, Locke, Rousseau, Kant, and Rawls. Topics covered will include natural law, theory of justice, and political systems.

**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.

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

**PHIL 432 History of Philosophy III**  
Credits: 4  
A historical survey of major works in metaphysics and epistemology. As a capstone course, PHIL 432 requires that students research topics of their choice by utilizing recent periodical literature (secondary sources), and become familiar with the Philosophers' Index. This skill will help the student to become a lifelong learner based on independence of thought and the ability to access available resources.

**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 500 Organizational Values**  
Credits: 3  
This course provides a selected yet comprehensive examination of ethical issues. It takes personal values, conventional morality, and pragmatism into account. It deals with the theories and techniques of reasoning.
PHIL XXX Special Topics
One credit of special topics (PHIL 286 or PHIL 486)  
课程频率：秋季：N/A 春季：N/A 夏季：N/A  
学分：1

PHIL XXX Any PHIL Course
任何哲学课程  
课程频率：秋季：N/A 春季：N/A 夏季：N/A  
学分：3

PHIL XXX Philosophy Electives
六（6）学分哲学课程  
课程频率：秋季：N/A 春季：N/A 夏季：N/A  
学分：6

PHIL XXX Philosophy Electives
任何哲学课程  
课程频率：秋季：N/A 春季：N/A 夏季：N/A
PHYSICAL EDUCATION • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: IL 229
Phone Number: 507-537-7115
Staff & Faculty: Frances Albitz, Brad Bigler, Paul Blanchard, Melissa Bruggeman, Thomas Buchholz, Terrence Culhane, Allison Kruger, Jesse Nelson, Cory Sauter, Marilyn Strate, Nathan Wolf

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.

PHYSICAL EDUCATION

Bachelor of Science: Physical Education-Teaching (46 Credits)

I. Physical Education Major Courses: (40 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXSC 100</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 100L</td>
<td>Anatomical Kinesiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 300</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 350</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 350L</td>
<td>Exercise Physiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 400</td>
<td>Motor Learning &amp; Development</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 110</td>
<td>First Aid and Safety/CPR</td>
<td>2</td>
</tr>
<tr>
<td>PE 101</td>
<td>Intro Health &amp; Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 108</td>
<td>Technology in Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 122</td>
<td>Lifetime Activities I</td>
<td>3</td>
</tr>
<tr>
<td>PE 123</td>
<td>Lifetime Activities II</td>
<td>3</td>
</tr>
<tr>
<td>PE 144</td>
<td>Golf</td>
<td>1</td>
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<tr>
<td>PE 156</td>
<td>Adventure Ropes</td>
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<tr>
<td>PE 220</td>
<td>Curriculum and Instruction in Physical Education</td>
<td>3</td>
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<tr>
<td>PE 387</td>
<td>Rhythm and Dance Fundamentals</td>
<td>2</td>
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<tr>
<td>PE 401</td>
<td>K-12 Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 481</td>
<td>Adapted Phys Educ Application</td>
<td>3</td>
</tr>
<tr>
<td>PE 497</td>
<td>Senior Seminar</td>
<td>2</td>
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</tbody>
</table>

One of the following Anatomy courses with corresponding lab: (4 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>BIOL 150</td>
<td>Physiological Anatomy for Non-science Majors</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 150L</td>
<td>Physiological Anatomy for Non-science Majors Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 305L</td>
<td>Human Anatomy &amp; Physiology I Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

One of the following Health courses: (2 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 100</td>
<td>Personal Health &amp; Wellness</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 225</td>
<td>Alcohol, Narcotics, &amp; Tobacco</td>
<td>2</td>
</tr>
</tbody>
</table>

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 professional education requirements, please see the Education Department for current requirements.

Total Credits: 46

Bachelor of Science: Physical Education-Recreation Emphasis (65 Credits)

I. Physical Education Core Courses: (30 Credits)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>EXSC 100</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 100L</td>
<td>Anatomical Kinesiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 201</td>
<td>Sport Psychology</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 300</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 350</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
</tbody>
</table>
### Bachelor of Science: Physical Education-Sports Management Emphasis (67 Credits)

#### I. Physical Education Core Courses: (34 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 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: 2
- **PE 499** Professional Internship ......................................................................... Credits: 3 - 12

Notes: PE 499 Professional Internship must be 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 221** Computer Concepts and Applications ......................................... Credits: 3
- **MGMT 300** Management Principles ................................................................ 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

- **Health Option:**
  - **HLTH 140** CPR: Cardiopulmonary Resuscitation ..................................... Credits: 1
  - **HLTH 350** Community Health ...................................................................... Credits: 2
  - **HLTH 390** Health Promotion ....................................................................... Credits: 3

- **Social Option:**
  - **SOCI 220** Social Problems ......................................................................... Credits: 3
  - **SOCI 331** Racial & Ethnic Relations in America ......................................... Credits: 3

Total Credits: **65**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 301</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>PE 478</td>
<td>Recreation &amp; Sports Management</td>
<td>3</td>
</tr>
<tr>
<td>PE 484</td>
<td>Planning Facilities for Physical Activities</td>
<td>3</td>
</tr>
<tr>
<td>PE 489</td>
<td>Sports Marketing, Sales, and Promotions</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Total Credits:</strong></td>
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</tr>
</tbody>
</table>

**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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 210</td>
<td>Introduction to Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 220</td>
<td>Curriculum and Instruction in Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 393</td>
<td>Adapted Practicum I</td>
<td>1</td>
</tr>
<tr>
<td>PE 401</td>
<td>K-12 Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 481</td>
<td>Adapted Phys Educ Application</td>
<td>3</td>
</tr>
<tr>
<td>PE 498</td>
<td>Adapted Practicum II</td>
<td>1</td>
</tr>
<tr>
<td>SPED 290</td>
<td>Introduction to Special Needs and Lab</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits:</strong></td>
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</tr>
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</table>

Choose one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 470</td>
<td>Collaboration in Educational Settings</td>
<td>3</td>
</tr>
<tr>
<td>SPED 570</td>
<td>Collaboration in Educational Settings</td>
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Choose one:

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SPED 460</td>
<td>Positive Behavior Support in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPED 560</td>
<td>Positive Behavior Support in Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 210</td>
<td>Introduction to Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 300</td>
<td>Recreation Diversity &amp; Leadership</td>
<td>3</td>
</tr>
<tr>
<td>PE 390</td>
<td>Organ &amp; Admin of Athletics &amp; PE</td>
<td>2</td>
</tr>
<tr>
<td>PE 393</td>
<td>Adapted Practicum I</td>
<td>1</td>
</tr>
<tr>
<td>PE 481</td>
<td>Adapted Phys Educ Application</td>
<td>3</td>
</tr>
<tr>
<td>SPED 290</td>
<td>Introduction to Special Needs and Lab</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Total Credits:</strong></td>
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</table>

**Minor: Coaching (24-27 Credits)**

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EXSC 100</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 100L</td>
<td>Anatomical Kinesiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 201</td>
<td>Sport Psychology</td>
<td>2</td>
</tr>
<tr>
<td>EXSC 300</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 350</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 350L</td>
<td>Exercise Physiology Lab</td>
<td>1</td>
</tr>
<tr>
<td>PE 390</td>
<td>Organ &amp; Admin of Athletics &amp; PE</td>
<td>2</td>
</tr>
<tr>
<td>PE 392</td>
<td>Prevention &amp; Care of Athletic Injuries</td>
<td>2</td>
</tr>
<tr>
<td>PE 482</td>
<td>Practicum in Coaching</td>
<td>1 - 4</td>
</tr>
</tbody>
</table>

Two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 330</td>
<td>Coaching &amp; Officiating of Baseball</td>
<td>3</td>
</tr>
<tr>
<td>PE 331</td>
<td>Coaching &amp; Officiating of Basketball</td>
<td>3</td>
</tr>
<tr>
<td>PE 334</td>
<td>Coaching &amp; Officiating of Football</td>
<td>3</td>
</tr>
<tr>
<td>PE 336</td>
<td>Coaching &amp; Officiating of Softball</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
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</tr>
<tr>
<td>PE 337</td>
<td>Coaching &amp; Officiating of Volleyball</td>
<td>3</td>
</tr>
<tr>
<td>PE 338</td>
<td>Coaching &amp; Officiating of Soccer</td>
<td>3</td>
</tr>
<tr>
<td>PE 348</td>
<td>Coaching &amp; Officiating Track &amp; Field</td>
<td>3</td>
</tr>
<tr>
<td>PE 350</td>
<td>Coaching &amp; Officiating of Wrestling</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 24-27

**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: N/A Spring: N/A Summer: N/A

**HLTH 100L Personal Health & Wellness Lab**  
Credits: 1  
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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**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: N/A Summer: N/A

**HLTH 230 Concepts of School Health**  
Credits: 2  
This course provides the student with an overview of the school's role in the healthy development of youth including: health instruction, health services, school environment, nutrition and food services, counseling, and school/parent partnerships.

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

**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: N/A  Spring: N/A  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.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A  Spring: N/A  Summer: N/A

**HLTH 330 Human Sexuality & Healthy Behavior**  
**Credits: 3**  
This course will provide an overview of the biological, sociological, environmental, and psychological issues related the science of human sexuality. Students will have the opportunity to develop skills enabling them to identify and analyze vital issues related to sex education. Sophomore standing required.

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

**HLTH 350 Community Health**  
**Credits: 2**  
This course is designed to introduce the student to the broad concept of community health, including the political, sociological, economic and medical impact of community health organizations operating within a community. Sophomore standing required.

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

**HLTH 390 Health Promotion**  
**Credits: 3**  
This course will provide a comprehensive overview of the health promotion field as it applies to employment and organizational settings. It will include planning, design, implementation, and evaluation of an event as part of the course. It will additionally explore the relationship between health knowledge, attitude, and behavior. Sophomore standing required.

**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 410 Human Growth & Development**  
**Credits: 2**  
This course is designed to offer the basic developmental framework of human beings beginning at conception through young adult.

**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.

**Course Frequency:** Fall: N/A  Spring: N/A  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.
Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HLTH 496 Workshop in Health  
To provide health credit for workshops in area.

Credits: 1 - 4

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

HLTH 540 GS:Trends in Health Curr  
Examination of current philosophies and models of health curriculum design, with emphasis on comprehensive school health K-12. This course requires the development of a curricular model concerned with recent developments in health science.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HLTH 560 GS:Health Promotion Man  
This course consists of an analysis of the fundamental concepts and methodologies involved in planning, implementing, and evaluation of health promotion programs.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HLTH 570 GS:Research:Survey&Appli  
This course examines current research common to the health sciences. Specific areas to be included are the effectiveness of current educational approaches, disease prevention, health promotion, health standard appraisals, and risk reduction projects.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HLTH 580 GS:Special Prob in Health  
Examination and analysis of significant current problems in health education. Content will vary according to the immediate concerns in the field of health education and current student needs.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

HLTH 698 GS:Current Issues in Health  
This course will explore the latest philosophical issues and controversies which are impacting the field of health education.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

PE 100 Intro to Arts/Dance  
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

Credits: 3

PE 101 Intro Health & Physical Education  
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: N/A Spring: N/A Summer: N/A

Credits: 2

PE 105 Camping and Canoeing  
This class is designed for students to develop skills, awareness, and knowledge in racquet activities, volleyball, canoeing, and outdoor activities.

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

Credits: 2

PE 106 Cross Country Skiing, Snow Shoeing, & Biking  
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: N/A Summer: N/A

Credits: 2

PE 107 Walking for Wellness  
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.

Credits: 1
and the application of walking in their 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 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: N/A Spring: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A Spring: N/A 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: N/A 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: N/A Spring: N/A 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 Beginning Cross-Country Skiing**
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**
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: N/A Spring: N/A Summer: N/A

**PE 153 Beginning Racquetball**
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**
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 156 Adventure Ropes**
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: N/A Spring: N/A Summer: N/A

**PE 158 Canoeing**
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**
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: N/A Spring: N/A Summer: N/A

**PE 161 Swimmercize**
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**
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**
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.

**Permissions:** Instructor's permission required

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

**PE 170 Lifetime Fitness**
Lifetime 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: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Summer: N/A

**PE 210 Introduction to Adapted Physical Education**  
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: N/A 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: N/A 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: N/A 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.
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: N/A 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.

Permissions: Instructor's permission required  
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: N/A Spring: N/A Summer: N/A

PE 330 Coaching & Officiating of Baseball  
Credits: 3  
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 Coaching & Officiating of Basketball  
Credits: 3  
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: N/A Summer: N/A

PE 334 Coaching & Officiating of Football  
Credits: 3  
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: N/A Spring: N/A Summer: N/A

PE 336 Coaching & Officiating of Softball  
Credits: 3  
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: N/A Spring: N/A Summer: N/A

**PE 337 Coaching & Officiating of Volleyball**
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: N/A Spring: N/A Summer: N/A

**PE 338 Coaching & Officiating of Soccer**
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: N/A Summer: N/A

**PE 344 Motor Development**
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 Coaching & Officiating Track & Field**
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: N/A Summer: N/A

**PE 350 Coaching & Officiating of Wrestling**
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: N/A Summer: N/A

**PE 356 Swimming Instruction Methods**
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

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**PE 360 Introduction to Recreation, Parks, and Community Education**
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: N/A Spring: N/A Summer: N/A

**PE 362 Recreational Aquatics**
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: N/A Summer: N/A

**PE 381 Elementary School Physical Education**
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.

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

**PE 387 Rhythm and Dance Fundamentals**
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: N/A 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: N/A 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: N/A Spring: N/A 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: N/A Summer: N/A

PE 401 K-12 Physical Education 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. Pre-student teaching of 30 hours will be a part of this class. Admission to Education program required.

Pre-Requisites: PE 220 Course Frequency: Fall: N/A 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: N/A Spring: N/A Summer: N/A

PE 481 Adapted Phys Educ Application Credits: 3
This course covers the fundamentals of assessment of students with disabilities and the selection, development, and conduct of activities in an adapted physical education or activity setting.

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

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: N/A Spring: N/A Summer: N/A

PE 486 Special Topics

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

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: N/A Summer: N/A

PE 489 Sports Marketing, Sales, and Promotions

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.

Pre-Requisites: MKTG 301

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

PE 490 Field Practicum

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: N/A Spring: N/A Summer: N/A

PE 494 Independent Studies

Independent study and research within the physical education and human performance area.

Permissions: Instructor's permission required

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

PE 496 Workshop in Physical Education

To provide physical education credit for workshops in the area.

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

PE 497 Senior Seminar

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

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: N/A Spring: N/A Summer: N/A

PE 499 Professional Internship

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: N/A Spring: N/A Summer: N/A

PE 544 GS:Motor Learning & Dev

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.

Permissions: Instructor's permission required

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

PE 550 Practicum in Teaching

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: N/A Spring: N/A 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: N/A 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 preeminent 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.

Permissions: Instructor's permission required 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.

Permissions: Instructor's permission required 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: N/A 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.

Permissions: Instructor's permission required 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: N/A 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: N/A 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.

Permissions: Instructor's permission required 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.

Permissions: Instructor's permission required  
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: N/A 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: N/A 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  
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 603  
Course Frequency: Fall: N/A Spring: N/A 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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**PE 607 Advanced Practicum in Coaching I**  
Credits: 2  
This course includes an in-depth coaching experience applying a sport's knowledge and skills in a hands-on environment. Admission to the Graduate Education program is required.

Pre-Requisites: PE 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**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 603  
Course Frequency: Fall: N/A 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 athlete's overall experience. Admission to the Graduate Education program required.

Pre-Requisites: PE 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**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 603  
**Course Frequency:** Fall: N/A Spring: N/A 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 603  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**PE 612 Advanced Practicum in Coaching II**  
Credits: 2  
This course includes an in-depth coaching experience applying a sport'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 603 and PE 607  
**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
PHYSICS • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SM 178
Phone Number: 507-537-6178
Staff & Faculty: Kenneth 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.

PHYSICS

Minor: Physics (28 Credits)

Mathematics (10 Credits)

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<tr>
<td>MATH 150</td>
<td>Calculus I</td>
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<td>MATH 151</td>
<td>Calculus II</td>
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Physics (14 Credits)

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<td>University Physics II</td>
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<td>PHYS 291</td>
<td>Modern Physics</td>
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<td>PHYS 351</td>
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Choose one elective (4 Credits)

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<td>PHYS 392</td>
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<td>PHYS 491</td>
<td>Quantum Mechanics</td>
<td>4</td>
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<tr>
<td>PHYS 492</td>
<td>Thermal &amp; Statistical Physics</td>
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</table>

Total Credits: 28

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: On Demand Spring: On Demand 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: On Demand Spring: On Demand 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.

Course Frequency: Fall: All Years Spring: On Demand 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.

Course Frequency: Fall: All Years Spring: On Demand 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.

Goals: Natural Sciences (03) Course Frequency: Fall: N/A Spring: All Years 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.

Goals: Natural Sciences (03) Course Frequency: Fall: N/A Spring: All Years Summer: N/A

PHYS 141 College Physics I Credits: 3

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. The required preparation for this course is three years of high school math including trigonometry or MATH 125.

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.

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

PHYS 142 College Physics II Credits: 3

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. The required preparation for this course is three years of high school math including trigonometry or MATH 125.

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.

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

PHYS 150 Directed Research Credits: 1 - 3

Directed experimental and/or theoretical research on selected problems in the physical sciences.

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

PHYS 181 University Physics I Credits: 4

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.

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

**PHYS 182 University Physics II**  
Credits: 4  
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.

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.

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: *On Demand* Spring: *On Demand* 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: *On Demand* Spring: *On Demand* Summer: *N/A*

**PHYS 250 Directed Studies**  
Credits: 1 - 3  
Directed study of selected topics in the physical sciences not covered elsewhere.

Permissions: Instructor's permission required  
Course Frequency: Fall: *On Demand* Spring: *On Demand* 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: *On Demand* Spring: *On Demand* 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: *On Demand* Spring: *On Demand* 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: *On Demand* Spring: *On Demand* 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: *On Demand* Spring: *On Demand* Summer: *N/A*

**PHYS 286L Topics in Physics**  
Credits: 1

**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: *On Demand* Spring: *On Demand* 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 Schrödinger equation. Brief introduction to topics including atomic, molecular, solid state, and nuclear physics.

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

**PHYS 491 Quantum Mechanics**

Credits: 4

Basic principles of quantum mechanics including operators, one-dimensional wells and barriers, Schrödinger 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: *On Demand* Spring: *On Demand* 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: *On Demand* Spring: *On Demand* 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.

**Permissions**: Instructor's permission required  
**Course Frequency**: Fall: *On Demand* Spring: *On Demand* 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 • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: CH 129
Phone Number: 507-537-6223
Staff & Faculty: Douglas Simon, David Sturrock

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.

POLITICAL SCIENCE

Bachelor of Arts: Political Science (37 Credits)

I. Core Courses: (16 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 117</td>
<td>Introduction to Government &amp; Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 120</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>POL 300</td>
<td>Political Research Methods</td>
<td>4</td>
</tr>
<tr>
<td>POL 422</td>
<td>American Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POL 490</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Political Science Categories: (12 Credits)

1. One from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>POL 221</td>
<td>State Government</td>
<td>3</td>
</tr>
<tr>
<td>POL 250</td>
<td>Amer Parties &amp; Elections</td>
<td>3</td>
</tr>
<tr>
<td>POL 324</td>
<td>Local &amp; Rural Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 330</td>
<td>The American Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POL 340</td>
<td>Public Policy &amp; Administration</td>
<td>3</td>
</tr>
<tr>
<td>POL 425</td>
<td>United States Congress</td>
<td>3</td>
</tr>
</tbody>
</table>

2. One from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>POL 200</td>
<td>International Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 355</td>
<td>World Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>POL 356</td>
<td>Politics of Global Economy</td>
<td>3</td>
</tr>
<tr>
<td>POL 360</td>
<td>American Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>POL 405</td>
<td>War and Peace</td>
<td>3</td>
</tr>
<tr>
<td>POL 455</td>
<td>International Law</td>
<td>3</td>
</tr>
</tbody>
</table>

3. One from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 227</td>
<td>The Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>POL 325</td>
<td>Administrative Law and Regulation</td>
<td>3</td>
</tr>
<tr>
<td>POL 328</td>
<td>Const Law I: Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>POL 351</td>
<td>Constitutional Law II: Civil Liberties</td>
<td>3</td>
</tr>
<tr>
<td>POL 415</td>
<td>Law &amp; Society</td>
<td>3</td>
</tr>
<tr>
<td>POL 430</td>
<td>The US Supreme Court</td>
<td>3</td>
</tr>
</tbody>
</table>

4. One from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 252</td>
<td>Intro Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>POL 320</td>
<td>Political Economy of the Third World</td>
<td>3</td>
</tr>
<tr>
<td>POL 370</td>
<td>Government &amp; Politics of Western Europe</td>
<td>3</td>
</tr>
<tr>
<td>POL 375</td>
<td>Government &amp; Politics of Russia</td>
<td>3</td>
</tr>
<tr>
<td>POL 451</td>
<td>Politics Adv Capitalist</td>
<td>3</td>
</tr>
</tbody>
</table>

III. Additional Political Science Courses: (9 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL XXX</td>
<td>Courses from Categories 1-4</td>
<td>6</td>
</tr>
</tbody>
</table>

Elective Courses: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 2XX</td>
<td>Political Science Course 200 level or above</td>
<td>3</td>
</tr>
</tbody>
</table>
Minor: Political Science (21 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: 15

Total Credits: 21

- 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.
  
  Goals: Global (08), Civic/Ethical (09) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

- 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.
  
  Goals: History/Social Sciences (05), Civic/Ethical (09) Course Frequency: Fall: N/A Spring: N/A 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.
  
  Goals: History/Social Sciences (05), Global (08) Course Frequency: Fall: N/A Spring: N/A 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.
  
  Goals: History/Social Sciences (05), Civic/Ethical (09) Course Frequency: Fall: N/A Spring: N/A 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.
  
  Goals: History/Social Sciences (05) Course Frequency: Fall: N/A Spring: N/A Summer: N/A

- 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.
  
  Goals: Civic/Ethical (09) 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.

Goals: History/Social Sciences (05), Global (08)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

POL 255 Model United Nations  
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  
An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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.

Pre-Requisites: POL 117 and POL 120  
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: N/A 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: BADM 100 and 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

Course studies government and politics at the local level, especially counties, cities, and townships. Special emphasis is placed upon comparisons between the challenges facing local governments in southwest Minnesota, and those in metropolitan areas. Among the topics examined are land use issues, taxes, economic development, recruitment of local leaders, and the effects of state and federal policies upon local governments.

Pre-Requisites: POL 120  
Course Frequency: Fall: N/A 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: N/A Summer: N/A

POL 328 Const Law I:Criminal Justice  
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; and efforts to reform the American criminal justice system.

Course Frequency: Fall: N/A 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  
**Credits:** 3

**POL 340 Public Policy & Administration**
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: N/A  Spring: N/A  Summer: N/A  
**Credits:** 3

**POL 351 Constitutional Law II: Civil Liberties**
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: N/A  Summer: N/A  
**Credits:** 3

**POL 355 World Political Geography**
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: N/A  Summer: N/A  
**Credits:** 3

**POL 356 Politics of Global Economy**
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  
**Credits:** 3

**POL 360 American Foreign Policy**
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: N/A  Spring: N/A  Summer: N/A  
**Credits:** 3

**POL 370 Government & Politics of Western Europe**
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  
**Credits:** 3

**POL 375 Government & Politics of Russia**
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  
**Credits:** 3

**POL 380 The Proliferation of Weapons of Mass Destruction**
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  
**Credits:** 3

**POL 405 War and Peace**
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  
**Credits:** 3

**POL 415 Law & Society**
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: N/A Spring: N/A Summer: N/A

**POL 422 American Political Thought**  
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: N/A Summer: N/A

**POL 425 United States Congress**  
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**  
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: N/A Spring: N/A Summer: N/A

**POL 451 Politics Adv Capitalist**  
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**  
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: N/A Spring: N/A Summer: N/A

**POL 486 Advanced Special Topics Political Science**  
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**  
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 senior status. POL 120 senior status.  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**POL 494 Independent Study**  
A study of politics through individual research projects. Topic to be selected by the student.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**POL 499 Internship in Government**  
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.
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.

Choose two additional courses from the categories 1-4 listed above.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
PSYCHOLOGY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: James Butler, Cheryl McConnaughey, Christine Olson, William Pavot, Scott Peterson

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.

PSYCHOLOGY

Bachelor of Arts: Psychology (39 Credits)

I. Required Psychology Courses: (30 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 101</td>
<td>General Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 110</td>
<td>Psychology Seminar</td>
<td>2</td>
</tr>
<tr>
<td>PSYC 200</td>
<td>Statistics for the Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 200L</td>
<td>Statistics for the Behavioral Sciences Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSYC 201</td>
<td>Research Methods Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 400</td>
<td>Advanced Applied Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 420</td>
<td>History &amp; Systems of Psychology</td>
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One of the following courses: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>PSYC 309</td>
<td>Advanced Experimental Psychology: Biopsychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 312</td>
<td>Advanced Experimental Psychology: Learning &amp; Memory</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 320</td>
<td>Advanced Experimental Psychology: Sensation &amp; Perception</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 333</td>
<td>Advanced Experimental Psychology: Motivation &amp; Emotion</td>
<td>3</td>
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Two courses from the following: (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PSYC 317</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 335</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 338</td>
<td>Psychology of Personality</td>
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</table>

One of the following courses: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 340</td>
<td>Developmental Psychology</td>
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<tr>
<td>PSYC 341</td>
<td>Child &amp; Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 343</td>
<td>Adult Development &amp; Aging</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Electives in Psychology: (9 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 102</td>
<td>General Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 150</td>
<td>Applied Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 242</td>
<td>Psychology of Death, Dying, &amp; Bereavement</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 244</td>
<td>Environmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 246</td>
<td>Psychology of Adjustment</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 250</td>
<td>Psychology of Women</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 260</td>
<td>Cross-Cultural Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 265</td>
<td>Behavior Modification</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 286</td>
<td>Special Topics Psychology</td>
<td>1-4</td>
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<tr>
<td>PSYC 292</td>
<td>Honor Credit Psychology</td>
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</table>
**Minor: Psychology (18 Credits)**

**I. Required Courses in Psychology (3 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 101</td>
<td>General Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 265</td>
<td>Behavior Modification</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 317</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 335</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 337</td>
<td>Counseling &amp; Psychotherapy</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 338</td>
<td>Psychology of Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 341</td>
<td>Child &amp; Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 343</td>
<td>Adult Development &amp; Aging</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 358</td>
<td>Industrial/Organizational Psychology</td>
<td>3</td>
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</table>

*Three courses from the following: (9 Credits)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 265</td>
<td>Behavior Modification</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 317</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 335</td>
<td>Abnormal Psychology</td>
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<tr>
<td>PSYC 343</td>
<td>Adult Development &amp; Aging</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 358</td>
<td>Industrial/Organizational Psychology</td>
<td>3</td>
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</table>

**II. Electives in Psychology (6 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC XXX</td>
<td>Psychology Elections</td>
<td>6</td>
</tr>
</tbody>
</table>

**Total Credits: 18**

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**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.

**Goals:** History/Social Sciences (05)  **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**PSYC 102 General Psychology II**

Credits: 3

This course surveys content areas in a more specific and in-depth 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.

**Pre-Requisites:** PSYC 101  **Course Frequency:** Fall: N/A Spring: N/A 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: N/A 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: N/A Spring: N/A Summer: N/A
PSYC 200L Statistics for the Behavioral Sciences Lab
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: N/A Spring: N/A Summer: N/A

PSYC 201 Research Methods Behavior
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: N/A Spring: N/A Summer: N/A

PSYC 242 Psychology of Death, Dying, & Bereavement
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: N/A Summer: N/A

PSYC 244 Environmental Psychology
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
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: N/A Summer: N/A

PSYC 250 Psychology of Women
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: N/A Spring: N/A Summer: N/A

PSYC 260 Cross-Cultural Psychology
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.

Goals: Diversity (07)
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

PSYC 265 Behavior Modification
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: N/A Spring: N/A Summer: N/A

PSYC 286 Special Topics Psychology
Credits: 1 - 4

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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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.

**Course Frequency:** Fall: N/A 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: N/A 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  
**Permissions: Instructor's permission required 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: N/A 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: N/A Spring: N/A Summer: N/A

Credits: 3

PSYC 337 Counseling & Psychotherapy
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: N/A Summer: N/A

Credits: 3

PSYC 338 Psychology of Personality
Major theories of personality are studied.

Pre-Requisites: PSYC 101

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

Credits: 3

PSYC 340 Developmental Psychology
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: N/A Spring: N/A Summer: N/A

Credits: 3

PSYC 341 Child & Adolescent Psychology
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: N/A Summer: N/A

Credits: 3

PSYC 343 Adult Development & Aging
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: N/A Spring: N/A Summer: N/A

Credits: 3

PSYC 358 Industrial/Organizational Psychology
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: N/A

Credits: 3

PSYC 360 Cross-Cultural Psychology
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.

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

Credits: 3

PSYC 400 Advanced Applied Psychology
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.

Permissions: Instructor's permission required

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

Credits: 3

PSYC 401 Extended Psychology Internship

Pre-Requisites: PSYC 201

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

Credits: 3 - 6

PSYC 420 History & Systems of Psychology
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: N/A 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

Credits: 1 - 3
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: N/A Spring: N/A Summer: N/A

**PSYC 486 Advanced Special Topics Psychology**

Credits: 1 - 4

This course will put students in contact with the most recent theory and research in psychology. The specific areas covered will vary with the interests of the class. Each student will choose a field of psychology and present a seminar on developments in that field within the last five years. Emphasis will be placed upon review of primary research and theoretical writings by the forerunners in psychology.

**Permissions:** Instructor's permission required

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

**PSYC 494 Independent Study Psychology**

Credits: 1 - 4

Each student enrolling in this course will present a formal proposal for an empirical research study, together with a plan for accomplishing that study. Once the study has been done, it will be submitted for publication or for presentation at a psychology conference. It is expected that the study will be relevant to the student's teaching assignment.

**Permissions:** Instructor's permission required

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

**PSYC 499 Extended Psychology Internship**

Credits: 3 - 6

Any 6 credits of Psychology courses.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Donna Nieckula, Rick Robinson

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 400-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. A strong emphasis of the program is the focus on rural at-risk populations.

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.

SOCIAL WORK

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 (52 Credits)

**Liberal Education Foundation (MnTC):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 100</td>
<td>Biology in Modern World</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 100L</td>
<td>Biology in Modern World Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENG 151</td>
<td>Academic Writing</td>
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<tr>
<td>ENG 251</td>
<td>Writing in Professions</td>
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<tr>
<td>IDST 100</td>
<td>First Year Seminar</td>
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<tr>
<td>PHIL 103</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>POL 120</td>
<td>American National Government</td>
<td>3</td>
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<tr>
<td>PSYC 101</td>
<td>General Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 110</td>
<td>Essentials of Speaking and Listening</td>
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</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
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</table>

**I. Interdisciplinary Foundation:** (13 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PSYC 200</td>
<td>Statistics for the Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 200L</td>
<td>Statistics for the Behavioral Sciences Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSYC 335</td>
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</tr>
</tbody>
</table>
II. Professional Social Work Foundation: (26 Credits)

SWRK 101 Social Welfare in a Changing World   Credits: 3
SWRK 234 Introduction to Social Work   Credits: 3
SWRK 330 Basic Interviewing Skills   Credits: 2
SWRK 340 Human Behavior in the Social Environment   Credits: 3
SWRK 342 Generalist Social Work Practice I   Credits: 3
SWRK 343 Generalist Social Work Practice II   Credits: 3
SWRK 344 Generalist Social Work Practice III   Credits: 3
SWRK 351 Diverse and At-Risk Populations   Credits: 3
SWRK 402 Social Welfare Policy   Credits: 3

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 415 Field Practicum Research   Credits: 1
SWRK 484 Pre-Field Practicum   Credits: 1
SWRK 485 Social Work Field Seminar   Credits: 3
SWRK 499 Field Practicum   Credits: 8

Total Credits: 52

Minor: Social Welfare (20 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: (14 Credits)

ECON 202 Principles of Macroeconomics   Credits: 3
SWRK 101 Social Welfare in a Changing World   Credits: 3
SWRK 234 Introduction to Social Work   Credits: 3
SWRK 330 Basic Interviewing Skills   Credits: 2
SWRK 402 Social Welfare Policy   Credits: 3

II. Select one course from each of the following groups: (6 Credits)

Group 1.
HIST 363 History of Social Welfare in the U.S.   Credits: 3
INDS 344 U.S. Policy, Imperialism, and Indigenous Peoples   Credits: 3

Group 2.
SWRK 242 Introduction to Gerontology   Credits: 3
SWRK 250 Social Services in Health Care   Credits: 3
SWRK 280 Substance Abuse & Other Addictive Behaviors   Credits: 3

Total Credits: 20

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: All Years Spring: All Years Summer: N/A

SWRK 234 Introduction to Social Work   Credits: 3

The profession of social work in the U.S., including general history, ideology and values; the social science base of social work; systems theory; the generalist model for social work practice; professional ethics and organizations; social work with diverse and disadvantaged populations; and fields of practice.

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: N/A Spring: N/A 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: N/A 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: N/A 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: N/A Spring: N/A Summer: N/A

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: 2
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 an emphasis on women's issues and experiences utilizing a feminist critique.

Pre-Requisites: BIOL 100 and PSYC 101 and SOCI 101 Course Frequency: Fall: N/A Spring: All Years 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 a systems perspective. Emphasis is placed on assessment, contracting, and intervention, through practice and program evaluation, identification of strengths and problems at various system levels. Interpersonal skills practice lab. Pre- or co-requisites: SWRK 340, PSYC 340.

Pre-Requisites: PSYC 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 or 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
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
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: N/A Spring: N/A Summer: N/A

### SWRK 354 Holocaust, Genocide & Human Rights
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
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 and SWRK 101 or ECON 202 and POL 120 and SWRK 101

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

### SWRK 415 Field Practicum Research
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
Limited to eight (8) hours, not more than four hours in a given subject area.

**Permissions:** Instructor's permission required

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

### SWRK 460 Basic Interviewing Skills & Group Work

**Credits: 3**

### SWRK 484 Pre-Field Practicum
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: N/A Spring: N/A Summer: N/A

### SWRK 485 Social Work Field Seminar
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, SWRK 415.

**Pre-Requisites:** SWRK 484

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

### SWRK 486 Special Topics
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: N/A Spring: N/A Summer: N/A

### SWRK 499 Field Practicum
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: N/A Summer: N/A
SOCILOGY • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SS 103
Phone Number: 507-537-6224
Staff & Faculty: Cynthia Aamlid, Vicky Brockman, Kerry Livingston

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.

SOCILOGY

Bachelor of Arts: Sociology (40 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
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<tr>
<td>SOCI 200</td>
<td>Social Statistics</td>
<td>4</td>
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<tr>
<td>SOCI 218</td>
<td>Self and Society</td>
<td>3</td>
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<tr>
<td>SOCI 220</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 314</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 315</td>
<td>Applied Social Research</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 318</td>
<td>Forces for Social Change</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 495</td>
<td>Senior Capstone in Sociology</td>
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Sociology Electives: (15 Credits)

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<tr>
<td>SOCI XXX</td>
<td>Sociology Electives</td>
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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: 40

Minor: Sociology

Minor Courses: (21 Credits)

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<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
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<tr>
<td>SOCI 314</td>
<td>Sociological Theory</td>
<td>3</td>
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<tr>
<td>SOCI XXX</td>
<td>Sociology Electives</td>
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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.

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.

Goals: History/Social Sciences (05) Course Frequency: Fall: N/A Spring: N/A 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 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.

Goals: Diversity (07)  
Course Frequency: Fall: N/A 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.

Goals: Diversity (07)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**SOCI 218 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  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

**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.

Goals: Civic/Ethical (09)  
Course Frequency: Fall: N/A 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: N/A Spring: N/A 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.

Goals: Diversity (07), Global (08)  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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

**Pre-Requisites:** SOCI 101  
**Course Frequency:** Fall: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 318 Forces for Social Change**  
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.  
Prerequisites: SOCI 101 and one other sociology course.

**Pre-Requisites:** SOCI 101  
**Course Frequency:** Fall: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 324 Sociology of Sexualities**  
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.

**Goals:** Diversity (07)  
**Course Frequency:** Fall: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 331 Racial & Ethnic Relations in America**  
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.

**Goals:** Diversity (07), Diversity (07)  
**Course Frequency:** Fall: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 354 Holocaust, Genocide & Human Rights**  
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**  
**Credits:** 3

**SOCI 360 Sociology of Work**  
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: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 370 Criminology**  
Explanation and critical analysis of criminal behavior. This course examines measuring crime, major types of crimes, criminal careers, explanation of crime and criminal behavior, and criminological and other theories of crime. The course explores violent crime, crimes against property, public order crimes, corporate and white collar crime, and terrorism. Special attention is given to what works, causes of crime, class, race, and gender, victims, restorative justice and prevention.

**Pre-Requisites:** JUAD 144 or SOCI 101  
**Course Frequency:** Fall: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 415 Formal Organizations, Bureaucracies, Corporations**  
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  
**Course Frequency:** Fall: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 420 Family & Intimate Partner Violence**  
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: N/A  
**Spring: N/A**  
**Summer: N/A**  
**Credits:** 3

**SOCI 435 Rural Development**  
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: ANTH 116 and SOCI 101

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

Course Frequency: Fall: N/A Spring: N/A 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.

Permissions: Instructor's permission required

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

**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: N/A 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: N/A Spring: N/A Summer: N/A

**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.

Permissions: Instructor's permission required

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.

Permissions: Instructor's permission required

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**
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
SPEECH COMMUNICATION • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: FA 207
Phone Number: 507-537-7103
Staff & Faculty: John Bloomberg, Mark Fokken, Richard Herder, Sharron Hope, Michael McHugh, Marianne Zarzana

The primary objective of the Speech Communication 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 speech communication, speech communication/theatre, speech communication: radio and television, and speech communication: 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 Speech Communication 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 speech communication graduates can be found in teaching, broadcasting, 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 Speech Communication Program.

Note: Students must complete a minimum of 120 credits in order to graduate with a Bachelor's degree.

SPEECH COMMUNICATION

Bachelor of Arts: Speech Communication (37 Credits)

Speech Communication Core: (30 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 200</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 215</td>
<td>Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 230</td>
<td>Interpersonal &amp; Cross-Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 303</td>
<td>Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 310</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 330</td>
<td>Mass Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 356</td>
<td>Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 360</td>
<td>Organizational Communication &amp; Interviewing Techniques</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 410</td>
<td>Communication Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 488</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of the following: (3 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SPCH 111</td>
<td>Radio Production &amp; Performance</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 112</td>
<td>Television Production</td>
<td>3</td>
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</table>

Required Speech Activities for 2 credits each: (4 Credits)

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 161</td>
<td>Speech Activities: Forensics</td>
<td>1</td>
</tr>
<tr>
<td>SPCH 162</td>
<td>Speech Activities: Radio &amp; TV</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Credits: 37

Bachelor of Arts: Speech Communication-Theatre Arts (discontinued) (37 Credits)

Program discontinued as of July 1, 2012. No new students are being accepted into this program. Current students should talk with their advisor if they have questions regarding this program.

Speech Communication-Theatre Arts Core: (27 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 200</td>
<td>Small Group Communication</td>
<td>3</td>
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<tr>
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<td>Oral Interpretation</td>
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<td>Argumentation and Debate</td>
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</tr>
<tr>
<td>SPCH 410</td>
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<td>3</td>
</tr>
<tr>
<td>SPCH 488</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

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</tr>
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<tbody>
<tr>
<td>THTR 101</td>
<td>Beginning Acting</td>
<td>3</td>
</tr>
</tbody>
</table>
THTR 140  Stagecraft ................................................................. Credits: 3

Choose one of the following: (3 Credits)
SPCH 111  Radio Production & Performance ................................................................. Credits: 3
SPCH 112  Television Production ................................................................. Credits: 3

Required Speech Activities for 2 credits each: (4 Credits)
SPCH 161  Speech Activities: Forensics ........................................................................ Credits: 1
SPCH 162  Speech Activities: Radio & TV ........................................................................ Credits: 1

Total Credits: 37

Bachelor of Arts: Speech Communication: Public Relations Emphasis (62 Credits)

I. Speech Communication Courses: (30 Credits)
SPCH 111  Radio Production & Performance ................................................................. Credits: 3
SPCH 112  Television Production ................................................................. Credits: 3
SPCH 200  Small Group Communication ................................................................. Credits: 3
SPCH 210  Intro to Public Relations ................................................................. Credits: 3
SPCH 260  Introduction to Public Relations Writing ................................................................. Credits: 3
SPCH 303  Advanced Public Speaking ................................................................. Credits: 3
SPCH 310  Persuasion ................................................................. Credits: 3
SPCH 360  Organizational Communication & Interviewing Techniques ................................................................. Credits: 3
SPCH 425  Broadcast Law & Regulations ................................................................. Credits: 3
SPCH 488  Senior Seminar ................................................................. Credits: 3

II. Art Courses: (6 Credits)
ART 102  Foundations of Art & Design 2D ........................................................................ Credits: 3
ART 240  Concepts of Graphic Design ........................................................................ Credits: 3

III. Business Administration Courses: (3 Credits)
BADM 305  Business Law I ........................................................................ Credits: 3

IV. Marketing Courses: (12 Credits)
MKTG 301  Principles of Marketing ........................................................................ Credits: 3
MKTG 331  Professional Selling ........................................................................ Credits: 3
MKTG 381  Advertising Management ........................................................................ Credits: 3

Select one of the following:
MKTG 391  Consumer Behavior ........................................................................ Credits: 3
MKTG 411  Integrated Marketing Communications (IMC) ................................................................. Credits: 3

V. English and Speech Communication: (9 Credits)
ENG 204  Intro to Journalism ........................................................................ Credits: 4
ENG 360  Scientific & Technical Writing ........................................................................ Credits: 3
ENG 361  Advanced Composition ........................................................................ Credits: 3
ENG 365  Modern Grammar ........................................................................ Credits: 3
ENG 410  Advanced Journalism for Newspapers & Magazines ................................................................. Credits: 4
SPCH 251  Broadcast Newswriting & Reporting ................................................................. Credits: 3

VI. Required Speech Activities for 2 credits: (2 Credits)
SPCH 161  Speech Activities: Forensics ........................................................................ Credits: 1

Bachelor of Arts: Speech Communication: Public Relations Emphasis Notes:
It is strongly recommended that students take the following courses from the Minnesota Transfer Curriculum:
• ECON 201 Principles of Microeconomics OR ECON 202 Principles of Macroeconomics
• POL 117 Introduction to Government & Politics OR POL 120 American National Government
• PHIL 103 Ethics

It is also recommended that students discuss the following opportunities with their advisor:
1. One extra course in Marketing earns a Marketing Minor
2. ART 343 Digital Art Photography
3. Completion of an internship will enhance the degree

Total Credits: 62

Bachelor of Science: Speech Communication: Radio and Television (50 Credits)
Radio and Television Core: (39 Credits)
SPCH 111  Radio Production & Performance ................................................................. Credits: 3
SPCH 112  Television Production .................................................................................. Credits: 3
SPCH 200  Small Group Communication ....................................................................... Credits: 3
SPCH 215  Oral Interpretation ....................................................................................... Credits: 3
SPCH 251  Broadcast Newswriting & Reporting ............................................................ Credits: 3
SPCH 303  Advanced Public Speaking ........................................................................... Credits: 3
SPCH 310  Persuasion .................................................................................................... Credits: 3
SPCH 315  Media Interpretation ...................................................................................... Credits: 3
SPCH 330  Mass Media and Society ................................................................................ Credits: 3
SPCH 390  ENG/EFP Techniques ..................................................................................... Credits: 3
SPCH 425  Broadcast Law & Regulations ..................................................................... Credits: 3
SPCH 488  Senior Seminar ............................................................................................ Credits: 3
THTR 341  Acting Techniques ......................................................................................... Credits: 3

Required Speech Activities for 2 credits each: (4 Credits)
SPCH 161  Speech Activities: Forensics ........................................................................ Credits: 1
SPCH 162  Speech Activities: Radio & TV ...................................................................... Credits: 1

Radio/TV Internship (7 Credits)
SPCH 499  Internship in Speech Com ........................................................................... Credits: 3 - 10

Total Credits: 50

Bachelor of Science: Communication Arts and Literature/Secondary Education, Speech Communication Emphasis (42 Credits)

Speech Communication Courses: (25 Credits)
SPCH 161  Speech Activities: Forensics ........................................................................ Credits: 1
SPCH 200  Small Group Communication ....................................................................... Credits: 3
SPCH 215  Oral Interpretation ....................................................................................... Credits: 3
SPCH 230  Interpersonal & Cross-Cultural Communication .......................................... Credits: 3
SPCH 303  Advanced Public Speaking ........................................................................... Credits: 3
SPCH 330  Mass Media and Society ................................................................................ Credits: 3
SPCH 356  Argumentation and Debate ........................................................................... Credits: 3
SPCH 410  Communication Analysis ............................................................................. Credits: 3
SPCH 450  Secondary Teaching Methods: Speech Communication ............................... Credits: 3

English/Literature Courses: (17 Credits)
ENG 361  Advanced Composition .................................................................................. Credits: 3
ENG 365  Modern Grammar .......................................................................................... Credits: 3
LIT 410  Literacy & Literature for Adolescents ............................................................... Credits: 3

One British Survey Course: (4 Credits)
LIT 321  British Literature: Beginning through Restoration and 18th Century ............... Credits: 4
LIT 322  British Literature: Nineteenth and Twentieth Century ...................................... Credits: 4

One American Survey Course: (4 Credits)
LIT 331  American Literature: Beginning through Realism and Naturalism ................... Credits: 4
LIT 332  American Literature: Modern & Contemporary ............................................... Credits: 4

Bachelor of Science: Communication Arts and Literature/Secondary Education, Speech Communication Emphasis Notes:
NOTE: This degree when coupled with professional education requirements can be used to obtain secondary 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 Speech Communication. Licensure may also be obtained with a degree that has an emphasis in English Literature; see the English section.

Total Credits: 42

Minor: Speech Communication (22 Credits)

Speech Communication Minor Core: (13 Credits)
SPCH 161  Speech Activities: Forensics ........................................................................ Credits: 1
SPCH 200  Small Group Communication ....................................................................... Credits: 3
SPCH 215  Oral Interpretation ....................................................................................... Credits: 3
SPCH 230  Interpersonal & Cross-Cultural Communication .......................................... Credits: 3
SPCH 303  Advanced Public Speaking ........................................................................... Credits: 3

Take one of the following: (3 Credits)
SPCH 111  Radio Production & Performance ............................................................... Credits: 3
SPCH 112  Television Production .................................................................................. Credits: 3
Take one of the following: (3 Credits)
SPCH 310  Persuasion ................................................................. Credits: 3
SPCH 356  Argumentation and Debate ............................................ Credits: 3

Take one of the following: (3 Credits)
SPCH 360  Organizational Communication & Interviewing Techniques ........ Credits: 3
SPCH 410  Communication Analysis ................................................ Credits: 3

Total Credits: 22

**Minor: Speech Communication-Theatre Arts (22 Credits)**

**Speech Communication-Theatre Arts Minor Core: (13 Credits)**
SPCH 161  Speech Activities: Forensics ........................................... Credits: 1
SPCH 200  Small Group Communication ........................................... Credits: 3
SPCH 215  Oral Interpretation .......................................................... Credits: 3
SPCH 303  Advanced Public Speaking ................................................ Credits: 3
SPCH 356  Argumentation and Debate ................................................ Credits: 3

Take one of the following: (3 Credits)
THTR 140  Stagecraft ........................................................................ Credits: 3
THTR 350  Directing I ......................................................................... Credits: 3

Take one of the following: (3 Credits)
SPCH 111  Radio Production & Performance ....................................... Credits: 3
SPCH 112  Television Production ....................................................... Credits: 3

Take one of the following: (3 Credits)
SPCH 230  Interpersonal & Cross-Cultural Communication .................... Credits: 3
SPCH 410  Communication Analysis .................................................. Credits: 3

Total Credits: 22

**Minor: Public Relations (24 Credits)**

**Public Relations Core: (18 Credits)**
ART 240  Concepts of Graphic Design ............................................... Credits: 3
MKTG 301  Principles of Marketing .................................................... Credits: 3
PIHL 105  Ethical Issues in Business .................................................. Credits: 3
SPCH 210  Intro to Public Relations .................................................... Credits: 3
SPCH 260  Introduction to Public Relations Writing .............................. Credits: 3
SPCH 310  Persuasion ..................................................................... Credits: 3

Public Relations Electives: (3 Credits)
MKTG 331  Professional Selling ........................................................ Credits: 3
MKTG 381  Advertising Management ............................................... Credits: 3
MKTG 391  Consumer Behavior ........................................................ Credits: 3
MKTG 441  Marketing Research ......................................................... Credits: 3
SPCH 111  Radio Production & Performance ....................................... Credits: 3
SPCH 112  Television Production ....................................................... Credits: 3
SPCH 360  Organizational Communication & Interviewing Techniques .................... Credits: 3
SPCH 425  Broadcast Law & Regulations ......................................... Credits: 3

Writing Elective: (3 Credits)
ENG 204  Intro to Journalism ........................................................... Credits: 4
ENG 331  Business Communications ............................................... Credits: 3
ENG 361  Advanced Composition ..................................................... Credits: 3
ENG 410  Advanced Journalism for Newspapers & Magazines ............... Credits: 4
ENG 420  Copy Editing ................................................................... Credits: 3
ENG 460  Writing and New Media ..................................................... Credits: 4
SPCH 251  Broadcast Newswriting & Reporting ................................... Credits: 3

Total Credits: 24

**SPCH 110 Essentials of Speaking and Listening**

Credits: 3

A skills course instructing the student how to design and deliver a speech. Active and critical listening are integral components of the course.
Goals: Communication (01)  Course Frequency: Fall: All Years Spring: All Years Summer: All Years

SPCH 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: All Years Spring: N/A Summer: N/A

SPCH 112 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

SPCH 161 Speech Activities: Forensics  Credits: 1
Participation in intramural and intercollegiate debate and forensics. May be repeated.

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

SPCH 162 Speech Activities: Radio & TV  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: All Years Spring: All Years Summer: N/A

SPCH 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.

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

SPCH 210 Intro 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

SPCH 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.

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

SPCH 228 Basic Black & White Photography  Credits: 3
A basic, 35mm black and white photography course designed to meet the needs of any individual, regardless of major field of interest, but primarily for those interested in public relations. Concepts include: film, film exposure and development; composition and depth of field; light; equipment and accessories; printing and darkroom techniques; and developing the portfolio. An adjustable 35mm is required. Course fees are $15.00 per credit hour; adjustable camera required to be brought to first class meeting.

Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

SPCH 230 Interpersonal & Cross-Cultural Communication  Credits: 3
A course that studies the nature of building effective relationships through development of interpersonal and cross cultural communication. An exploration of why misunderstandings occur and how to build more productive communication.

Goals: Diversity (07)  Course Frequency: Fall: N/A Spring: All Years Summer: N/A

SPCH 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

SPCH 260 Introduction to Public Relations Writing  Credits: 3
A course designed to emphasize how those in public relations gather, produce, and distribute material in a modern society. Acquaints students with both why and how to write for public relations.

Course Frequency: Fall: N/A Spring: All Years Summer: N/A
SPCH 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: On Demand Spring: On Demand Summer: N/A

SPCH 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: On Demand Spring: On Demand Summer: N/A

SPCH 303 Advanced Public Speaking  Credits: 3
Application of advanced principles of public speaking emphasizing speech structure and oral style. Students will prepare and present several types of speeches.

Pre-Requisites: SPCH 110 or SPCH 110 Course Frequency: Fall: All Years Spring: N/A Summer: N/A

SPCH 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.

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

SPCH 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: All Years Summer: N/A

SPCH 328 Advanced Black & White Photography  Credits: 3
An advanced 35mm black and white photography course designed for people who have mastered the basic techniques. This course will help students make better images from negatives they already have as well as create new images from those negatives. A portion of the course will be devoted to photojournalism, as well as techniques such as: control, vignettes, diffusion, textures, screens, combination printing, printing without negatives, toning, solarization, and Sabattier effect.

Pre-Requisites: SPCH 228 Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPCH 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 society.

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

SPCH 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: N/A Spring: N/A Summer: N/A

SPCH 360 Organizational Communication & Interviewing Techniques  Credits: 3
A study of the process of communication and behavior within the organizational culture. Students will be given practical experience in utilizing interviewing skills as a 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

SPCH 390 ENG/EFP Techniques  Credits: 3
The application of portable camera usage and editing techniques used in electronic news gathering and electronic field production. Students will develop skills in preproduction planning, scripting, remote shooting, directing, and editing.

Pre-Requisites: SPCH 112 Course Frequency: Fall: N/A Spring: All Years Summer: N/A

SPCH 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

**SPCH 425 Broadcast Law & Regulations**  
Credits: 3  
The study of media law, issues, and FCC regulations.

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

**SPCH 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

**SPCH 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: On Demand Spring: On Demand Summer: N/A

**SPCH 488 Senior Seminar**  
Credits: 3  
A capstone course required for all speech majors, in which selected topics, projects, and presentations are considered through reading, research, and discussion.

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

**SPCH 494 Independent Study in Communication Theory**  
Credits: 1 - 3  
In depth, independent exploration of a communication event for better understanding of the communication process.

Permissions: Instructor's permission required  
Course Frequency: Fall: All Years Spring: All Years Summer: N/A

**SPCH 499 Internship in Speech Com**  
Credits: 3 - 10  
An off-campus training program when accepted by a business or organization to work with an employer in some area of speech communication.

Permissions: Instructor's permission required  
Course Frequency: Fall: All Years Spring: All Years Summer: All Years
## Bachelor of Arts: Theatre Arts (42 Credits)

### Theatre Arts Core: (33 Credits)

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>THTR 101</td>
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<tr>
<td>THTR 140</td>
<td>Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>THTR 230</td>
<td>Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>THTR 242</td>
<td>Stage Make-Up</td>
<td>3</td>
</tr>
<tr>
<td>THTR 246</td>
<td>Stage Lighting</td>
<td>3</td>
</tr>
<tr>
<td>THTR 301</td>
<td>Theatre Activity</td>
<td>3</td>
</tr>
<tr>
<td>THTR 342</td>
<td>Advanced Acting</td>
<td>3</td>
</tr>
<tr>
<td>THTR 346</td>
<td>Scene Design</td>
<td>3</td>
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<td>THTR 350</td>
<td>Directing I</td>
<td>3</td>
</tr>
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<td>THTR 430</td>
<td>Seminar and Project</td>
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<tr>
<td>THTR 435</td>
<td>Theatre History I</td>
<td>3</td>
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<tr>
<td>THTR 440</td>
<td>Theatre History II</td>
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One of the following: (3 Credits)

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<tbody>
<tr>
<td>THTR 243</td>
<td>Costume History &amp; Design</td>
<td>3</td>
</tr>
<tr>
<td>THTR 244</td>
<td>Costume Construction</td>
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</table>

Theatre Activity: (6 Credits)

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>THTR 301</td>
<td>Theatre Activity</td>
<td>3</td>
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</table>

Total Credits: 42

## Minor: Theatre Arts (24 Credits)

### Theatre Arts Minor Core: (15 Credits)

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</tr>
<tr>
<td>THTR 301</td>
<td>Theatre Activity</td>
<td>3</td>
</tr>
<tr>
<td>THTR 350</td>
<td>Directing I</td>
<td>3</td>
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One of the following: (3 Credits)

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</tr>
<tr>
<td>THTR 244</td>
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<tbody>
<tr>
<td>THTR 246</td>
<td>Stage Lighting</td>
<td>3</td>
</tr>
<tr>
<td>THTR 346</td>
<td>Scene Design</td>
<td>3</td>
</tr>
</tbody>
</table>

One of the following: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THTR 435</td>
<td>Theatre History I</td>
<td>3</td>
</tr>
<tr>
<td>THTR 440</td>
<td>Theatre History II</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 24

## Minor: Acting/Directing (18 Credits)

### Acting/Directing Core: (15 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>THTR 101</td>
<td>Beginning Acting</td>
<td>3</td>
</tr>
<tr>
<td>THTR 230</td>
<td>Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>THTR 242</td>
<td>Stage Make-Up</td>
<td>3</td>
</tr>
<tr>
<td>THTR 342</td>
<td>Advanced Acting</td>
<td>3</td>
</tr>
<tr>
<td>THTR 350</td>
<td>Directing I</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one: (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>THTR 201</td>
<td>Intermediate Acting</td>
<td>3</td>
</tr>
<tr>
<td>THTR 341</td>
<td>Acting Techniques</td>
<td>3</td>
</tr>
<tr>
<td>THTR 342</td>
<td>Advanced Acting</td>
<td>3</td>
</tr>
</tbody>
</table>
THTR 360 Directing II ................................................................. Credits: 3

Total Credits: 18

Minor: Design/Technical Theatre (18 Credits)
Design/Technical Theatre Core: (15 Credits)
THTR 140 Stagecraft ................................................................. Credits: 3
THTR 230 Script Analysis ............................................................... Credits: 3
THTR 242 Stage Make-Up ............................................................... Credits: 3
THTR 246 Stage Lighting ............................................................... Credits: 3
THTR 346 Scene Design ............................................................... Credits: 3

Choose one: (3 Credits)
THTR 243 Costume History & Design ........................................... Credits: 3
THTR 244 Costume Construction ................................................... Credits: 3

Total Credits: 18

THTR 100 Introduction to Theatre Credits: 3
This course acquaints the student with the origins of theatre and its ability to reflect and illuminate the human condition.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: All Years Spring: All Years Summer: N/A

THTR 100L Intro to Arts/Theatre Lab Credits: 0
This course acquaints the student with the origins of theatre and its ability to reflect and illuminate the human condition.

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

THTR 101 Beginning Acting Credits: 3
This beginning 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: All Years Spring: N/A Summer: N/A

THTR 140 Stagecraft Credits: 3
A course designed to acquaint the student with the basic materials and techniques used in building stage scenery.

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

THTR 201 Intermediate Acting Credits: 3
This course is a continuation of THTR 100, Beginning Acting, 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: All Years Spring: N/A Summer: N/A

THTR 220 Film & Television Appreciation Credits: 3
An introduction to film techniques and the historical development of the film. The course includes viewing and discussion of representative films.

Goals: Humanities/Fine Arts (06) Course Frequency: Fall: All Years Spring: N/A Summer: N/A

THTR 230 Script Analysis 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 240 Stagecraft II Credits: 3
This is a continuation of THTR 240 (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: All Years Spring: N/A Summer: N/A
THTR 242 Stage Make-Up  
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 History & Design  
This course will focus on the area of costume design beginning with an overview of fashion and costume history. Students will learn the process of costume design, basic principles of design, and rendering techniques. Principles will be put into practice by designing a variety of productions as class projects.

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

THTR 244 Costume Construction  
The object of this course is to teach the student the basic methods and materials used in making stage costumes.

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

THTR 246 Stage Lighting  
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 281 Acting in the Classroom  
The course combines improvisation, theatre games, and scene work to stimulate the imagination and creativity of the theatre performer.

Course Frequency:  Fall: On Demand  Spring: On Demand  Summer: N/A

THTR 286 Special Topics in Theatre  
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: On Demand  Spring: N/A  Summer: N/A

THTR 301 Theatre Activity  
This course is designed to familiarize the student with Costuming a play, technical theatre, acting and directing, and public relations through practical experience on actual productions.

Permissions:  Instructor's permission required  Course Frequency:  Fall: N/A  Spring: Even Years  Summer: N/A

THTR 318 Musical Theatre  
Participation in the actual production of a musical or comparable dance numbers for the theatrical stage or other appropriate environment. Prerequisite: consent of instructor or audition.

Permissions:  Instructor's permission required  Course Frequency:  Fall: N/A  Spring: Odd Years  Summer: N/A

THTR 320 The KCACTF Experience  
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.

Permissions:  Instructor's permission required  Course Frequency:  Fall: N/A  Spring: All Years  Summer: N/A

THTR 325 Master Class  
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.

Permissions:  Instructor's permission required  Course Frequency:  Fall: All Years  Summer: N/A

THTR 330 Script Analysis II  
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-Modemism, etc.
Pre-Requisites: THTR 230

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

THTR 340 Stage Lighting II

This course is a continuation of THTR 246 (Stage Lighting I), and further develops the student's skills by focusing on advanced principles and techniques in designing and executing theatrical lighting.

Pre-Requisites: THTR 246

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

THTR 341 Acting Techniques

This course concentrates on vocal, improvisational, listening, and performance skills to increase students' ease, clarity, spontaneity, creativity, energy, naturalness, and concentration in performance. Special attention is given to on-camera acting techniques.

Pre-Requisites: THTR 101

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

THTR 342 Advanced Acting

The study and application of advanced acting techniques, theories, and styles for the stage. Course work includes rehearsal technique, scene and monologue work. This course may be taken multiple times to a maximum of 12 credit hours.

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

THTR 343 Costume History and Design II

This course is a continuation of THTR 243 - Costume History and Design I. Students will work on costume history projects, involving research and presentation. Design projects will entail an expansion of skills learned in THTR 243, including, but not limited to: figure drawing, various medium presentations, detail and swatch (fabric) choices.

Pre-Requisites: THTR 243

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

THTR 344 Costume Construction II

This course is a continuation of THTR 244 - Costume Construction. 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 244

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

THTR 345 Speech for the Actor

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: On Demand Spring: On Demand Summer: N/A

THTR 346 Scene Design

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 350 Directing I

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 Techniques II

This course is a continuation of THTR 341, Acting Techniques 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: All Years Summer: N/A

THTR 360 Directing II

Further development of the objectives set down for THTR 260. These shall culminate in the production of a one-act play.

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

THTR 365 Theatre Management

The course will survey the management and organization of contemporary theatre companies in their varied...
forms and discuss standard business practices.

Course Frequency: Fall: On Demand Spring: On Demand 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.

Permissions: Instructor's permission required Course Frequency: Fall: On Demand Spring: On Demand Summer: N/A

THTR 430 Seminar and Project Credits: 3
Developed toward special interests of staff and theatre arts majors. The course deals with opportunities in theatre, especially career opportunities. The course also requires the student to develop a project in his/her interest area. It also demands a culmination of skills and information be acquired prior to this course.

Course Frequency: Fall: On Demand Spring: On Demand 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.

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

THTR 440 Theatre History II Credits: 3
This survey class begins with William Shakespeare and traces the development of various movements and playwrights up to modern drama including the works of Ibsen, Chekhov, Williams, and Miller.

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.

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

THTR 446 Scene Design II Credits: 3
This course is a continuation of THTR 346 (Scene Design I), and further develops the student's skills in scene design by focusing on advanced design principles and techniques.

Pre-Requisites: THTR 346 Course Frequency: Fall: N/A 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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A

THTR 499 Internship Credits: 3 - 8
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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A
WOMEN'S STUDIES • 2012-2013

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.

Department Office: SC 235-236
Phone Number: 507-537-6294
Staff & Faculty:

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.

WOMEN'S STUDIES

Minor: Women’s Studies (21 Credits)

Core Courses: (12 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 360</td>
<td>American Women's History</td>
<td>3</td>
</tr>
<tr>
<td>LIT 375</td>
<td>Women's Literature</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 250</td>
<td>Psychology of Women</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 270</td>
<td>Gender Issues</td>
<td>3</td>
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</table>

Electives: (9 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ART 208</td>
<td>Artists: Short Course</td>
<td>1</td>
</tr>
<tr>
<td>JUAD 300</td>
<td>Women and Justice</td>
<td>3</td>
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<tr>
<td>LIT 340</td>
<td>Sexuality and Gender in Literature</td>
<td>3</td>
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<tr>
<td>MGMT 450</td>
<td>Diversity Management</td>
<td>3</td>
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<tr>
<td>PHIL 310</td>
<td>Feminist Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 211</td>
<td>Marriage and the Family</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 324</td>
<td>Sociology of Sexualities</td>
<td>3</td>
</tr>
<tr>
<td>SPCCH 230</td>
<td>Interpersonal &amp; Cross-Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>SWRK 340</td>
<td>Human Behavior in the Social Environment</td>
<td>3</td>
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</tbody>
</table>

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
BUSINESS: GRADUATE - MBA • 2012-2013

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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>FIN 493</td>
<td>Statistical Concepts &amp; Terminology</td>
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<tr>
<td>MGMT 493</td>
<td>Business Concepts &amp; Terminology</td>
<td>3</td>
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</tbody>
</table>

I. Required Courses (24 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBA 606</td>
<td>Accounting for Managers</td>
<td>3</td>
</tr>
<tr>
<td>MBA 607</td>
<td>Strategic Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>MBA 609</td>
<td>Management of Production and Operations</td>
<td>3</td>
</tr>
<tr>
<td>MBA 660</td>
<td>Legal and Ethical Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>MBA 670</td>
<td>Financial Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MBA 681</td>
<td>Int'l Bus &amp; Leadership</td>
<td>3</td>
</tr>
<tr>
<td>MBA 684</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>MBA 685</td>
<td>Strategic Mgmt &amp; Policy</td>
<td>3</td>
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</tbody>
</table>

II. Concentrations: (12 Credits)

A. General MBA Concentration Courses: (12 Credits)

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MBA 603</td>
<td>Organ &amp; Managerial Behav</td>
<td>3</td>
</tr>
<tr>
<td>MBA 610</td>
<td>Interpersonal and Managerial Skills in Orgs</td>
<td>3</td>
</tr>
<tr>
<td>MBA 630</td>
<td>App Mgmt Decision Instr</td>
<td>3</td>
</tr>
<tr>
<td>MBA 651</td>
<td>Leadership &amp; Team Mgmt</td>
<td>3</td>
</tr>
<tr>
<td>MBA 652</td>
<td>Organization Development &amp; Change Mgmt</td>
<td>3</td>
</tr>
<tr>
<td>MBA 653</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MBA 680</td>
<td>Technology Management</td>
<td>3</td>
</tr>
<tr>
<td>MBA 682</td>
<td>Diversity Management</td>
<td>3</td>
</tr>
<tr>
<td>MBA 686</td>
<td>Seminar in Mgmt Issues</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 500</td>
<td>Organizational Values</td>
<td>3</td>
</tr>
</tbody>
</table>

B. Leadership Concentration Courses: (12 Credits)

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: (9 Credits)

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<td>Organ &amp; Managerial Behav</td>
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<tr>
<td>MBA 651</td>
<td>Leadership &amp; Team Mgmt</td>
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<tr>
<td>MBA 652</td>
<td>Organization Development &amp; Change Mgmt</td>
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Select one course from the following: (3 Credits)

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<tbody>
<tr>
<td>MBA 610</td>
<td>Interpersonal and Managerial Skills in Orgs</td>
<td>3</td>
</tr>
<tr>
<td>MBA 653</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MBA 680</td>
<td>Technology Management</td>
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<tr>
<td>MBA 686</td>
<td>Seminar in Mgmt Issues</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 500</td>
<td>Organizational Values</td>
<td>3</td>
</tr>
</tbody>
</table>

C. Marketing Concentration Courses: (12 Credits)

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: (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MBA 511</td>
<td>Integrated Marketing Communications</td>
<td>3</td>
</tr>
<tr>
<td>MBA 521</td>
<td>Business to Business Marketing</td>
<td>3</td>
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</tbody>
</table>

Select two courses from the following: (6 Credits)

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MBA 531</td>
<td>Sales Management</td>
<td>3</td>
</tr>
</tbody>
</table>
MBA 541 Marketing Research ................................. Credits: 3
MBA 561 Entrepreneurship ..................................... Credits: 3
PHIL 500 Organizational Values ................................ Credits: 3

Total Credits: 36-40

MBA 504 Indus/Organiz Psycholog  Credits: 3
Explores how psychological principles and methods are applied in the workplace. Principles that relate to learning, motivation, perception, and group dynamics are considered in terms of their effect on work-related behavior. The extent to which various research methods can be of use in the workplace is investigated. Major areas of focus are personnel psychology, human relations, customer behavior, and organizational psychology.

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

MBA 505 Organizational Values  Credits: 3
Provides a comprehensive examination of critical and varied ethical issues in American Business. It takes personal values, conventional morality, and pragmatism into account. It deals with the theories and techniques of reasoning and argumentation that are needed to analyze and articulate ethical issues in business. It raises questions about the morality of management decisions in light of various ethical dilemmas.

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

MBA 511 Integrated Marketing Communications  Credits: 3
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: N/A Spring: N/A Summer: N/A

MBA 531 Sales Management  Credits: 3
MBA 537 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: N/A Summer: N/A

MBA 538 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: N/A Spring: N/A Summer: N/A

MBA 539 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: N/A Summer: N/A

MBA 540 Club Management  Credits: 3
Provides the student with an understanding of the general operational and administrative procedures in private clubs. It will provide the hospitality student with the unique sensitivities required in managing and operating in the increasingly lucrative club management market.
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: N/A Spring: N/A Summer: N/A

MBA 542 Consumer Behavior & Product Development Success
This course is designed to integrate marketing concepts, theories, and best practices as they apply to Menu Research & Development. The course is structured on the Menu Research & Development process, and examines the role of marketing and the specific marketing activities that occur at each stage. Class members are expected to be active partners with the instructor in the learning process, and course activities and evaluation will reflect both the quality and quantity of contributions.

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

MBA 543 Contemporary Issues in Hospitality Management
The trends and issues pertaining to hospitality and tourism industry with emphasis on current changes that are affecting the industry including government policies and regulations, safety and security issues, foundation of crisis management, organizational climate and employee satisfaction, and common legal issues in hospitality industry. Students will be introduced to many of these issues and in turn, develop critical thinking and problem solving skills for such issues.

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

MBA 544 Food Science
Overview of major food components (carbohydrates, proteins, 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 principals to the preparation of food upon completion of this course.

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

MBA 545 Gaming Management
The course investigates the history and general operation of gaming properties, with special emphasis on casino hotels and their multiplier effects on hospitality industry from the economic, political, and social point of view.

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

MBA 546 Research & Development: From Ideation & Innovation to Success
This is an interactive course that integrates and applies the principles of new product development, from identification and testing of new product concepts, to successful introduction of new products, using examples from industry. The course covers the principles of new product development process; establishment and management of a product development project; techniques used for product development, including team approach method, focus group, optimization, up-scaling, sensory evaluation, shelf life and stability testing, nutritional labeling, and HACCP plan; ingredient technology: function and selection; functionality of food components; innovations protection. The course includes case studies and a project paper.

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

MBA 547 Sensory Science & Consumer Testing Principles
The course covers general principles of sensory product testing; sensory methods in food evaluation (threshold, discrimination, descriptive and quality tests, scaling, time-intensity, biases, sensory interactions in product evaluation); Consumer methods (quantitative methods, questionnaire design, acceptance, preference, fallacies of contemporary consumer science approaches); psychophysics; anatomical, biochemical, physiological and neurobiological functions of the human senses (taste, odor, touch, pain/irritation, sight, hearing); neurophysiology of the digestive system; fundamental principles of sensation, perception, affection and cognition; data analytical methods in sensory science.

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

MBA 548 Tourism Management

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

Credits: 3
The interdisciplinary aspects of the tourism industry, with special emphasis on managerial responsibilities and diverse demands for both domestic and international tourism success. Various tourism promoters will be examined, as are the factors including social and demographic changes affecting the demand for tourism products and services.

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

**MBA 549 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: N/A Summer: N/A

**MBA 550 Staff, Train & Development**  
Credits: 3  
Centers on aspects of human resource management (HRM) and human resource development (HRD). Aspects of effective staffing will be covered. This course is also concerned with evolving issues surrounding the HRD discipline. The nature and function of HRD will be discussed, including strategic and operational factors.

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

**MBA 575 Management of Information Services**  
Credits: 3  
This is a computer-based information systems with emphasis on information processing systems as a tool for management of organizations. This course requires that students learn to use software and hardware to facilitate managerial decision-making, planning and control.

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

**MBA 576 Data Management**  
Credits: 3  
This course provides students with an overview of the major topics in the field of database system from an applied perspective. The emphasis will be on the relational database. Topics to be covered include conceptual design, logical design, and physical design of database, and database management issues.

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

**MBA 577 Management of Technology Professionals**  
Credits: 3  
This course introduces students to the principles of effective leadership and people management in technology-driven firms. In the business of technology and the technology of business, human CPU - defines the most important factor in the success or failure of an organization. The course explores the characteristics of professional and technical personnel.

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

**MBA 578 Information Technology Project Management**  
Credits: 3  
This course is a comprehensive introduction into project management. It will survey project management concepts as applied to information technology; principal topics include project selection, planning and business strategy; project scheduling, costs and control; interpersonal, leadership and managerial skills; quality, risk, and change management. The general content of the course is focused on modern project management knowledge and the application of that knowledge. Specifically the content of this course is
focused on the people, managerial and leadership skills necessary to deal with information technology projects.

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

**MBA 590 Research Methodology**  
Credits: 3  
Applies theories and quantitative methods to the formulation and analysis of various research questions and practices.

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

**MBA 595 Prof Research in Mgmt**  
Credits: 3  
This is the Master's Thesis option. Students must demonstrate familiarity with the tools of research and scholarship in their major field, the ability to work independently, and the ability to present the results of their investigation effectively.

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

**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: N/A 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: N/A Spring: N/A 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 todays globally competitive marketplace.

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

**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**

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: N/A

**MBA 652 Organization Development & Change Management**

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, technostructural, systemwide, and strategic change.

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

**MBA 653 Human Resource Management**

The course explores the various functions and roles involved in strategic human resource (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**

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: N/A Summer: N/A

**MBA 670 Financial Analysis**

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: N/A Spring: N/A Summer: N/A

**MBA 680 Technology Management**

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: N/A

**MBA 681 Int'l Bus & Leadership**

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: N/A Spring: N/A Summer: N/A

**MBA 682 Diversity Management**

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: N/A Summer: N/A

**MBA 684 Managerial Economics**

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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A 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
## PHYSICAL EDUCATION: COACHING OF SPORT: GRADUATE • 2012-2013

*Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.*

### Master of Science: Physical Education: Coaching of Sport (34 Credits)

#### I. Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PE 601</td>
<td>Philosophy &amp; Ethics in Coaching</td>
<td>3</td>
</tr>
<tr>
<td>PE 602</td>
<td>Research Foundation in Sport: Methods, Statistics, and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PE 603</td>
<td>Sports Skills, Tactics, and Evaluation in Coaching</td>
<td>3</td>
</tr>
<tr>
<td>PE 604</td>
<td>Educational Principles in Coaching</td>
<td>3</td>
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<tr>
<td>PE 605</td>
<td>Physical Preparation and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>PE 606</td>
<td>Sport Safety and Injury Prevention</td>
<td>3</td>
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<tr>
<td>PE 607</td>
<td>Advanced Practicum in Coaching I</td>
<td>2</td>
</tr>
<tr>
<td>PE 608</td>
<td>Organization, Administration and Marketing of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 609</td>
<td>Psychology of Athletic Performance</td>
<td>3</td>
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<tr>
<td>PE 610</td>
<td>Legal Aspects of Sport for Coaches</td>
<td>3</td>
</tr>
<tr>
<td>PE 611</td>
<td>Portfolio Capstone</td>
<td>3</td>
</tr>
<tr>
<td>PE 612</td>
<td>Advanced Practicum in Coaching II</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Credits: 34**

### 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 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: N/A  Spring: N/A  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: N/A  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, hiking, and other outdoor winter/spring activities. Students must provide their own bike for this class.

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

**PE 122 Lifetime Activities 1**  
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: N/A 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: N/A 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: N/A Spring: N/A 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: N/A 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: N/A Spring: N/A 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 Beginning 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
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.

Credits: 1

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

PE 153 Beginning Racquetball
The student will study the fundamental skills, rules, and strategies for participation in racquetball.

Credits: 1

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

PE 154 Adapted Physical Education Activities
This is an activity course designed for students with disabilities to provide mild to moderate physical activities in their daily lives.

Credits: 1 - 4

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

PE 156 Adventure Ropes
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.

Credits: 1

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

PE 158 Canoeing
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.

Credits: 1

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

PE 160 Flexibility/Yoga
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.

Credits: 1

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

PE 161 Swimmercize
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.

Credits: 1

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

PE 165 Southwest Minnesota State University Dance Team
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.

Credits: 1

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

PE 169 Advanced Weight Training & Conditioning
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.

Credits: 1

Permissions: Instructor's permission required

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

PE 170 Lifetime Fitness
Lifetime 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.

Credits: 1

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

PE 171 Step Aerobics
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: N/A Spring: N/A Summer: N/A

**PE 172 Intramural Activities**  
Credit: 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: N/A Spring: N/A Summer: N/A

**PE 173 Outdoor Activities**  
Credit: 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**  
Credit: 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**  
Credit: 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: N/A Summer: N/A

**PE 210 Introduction to Adapted Physical Education**  
Credit: 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: N/A Summer: N/A

**PE 220 Curriculum and Instruction in Physical Education**  
Credit: 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: N/A Summer: N/A

**PE 249 Physical Fitness Concept**  
Credit: 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: N/A Summer: N/A

**PE 250 Sports in American Culture**  
Credit: 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**  
Credit: 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
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: N/A Summer: N/A

Credits: 2

PE 258 Intermediate Canoeing
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

Credits: 1

PE 260 Women in Sport
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

Credits: 3

PE 286 Special Topics
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

Credits: 1 - 4

PE 292 Honors Credit in Phy Ed
An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by honors students.

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

Credits: 1 - 4

PE 300 Recreation Diversity & Leadership
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: N/A Spring: N/A Summer: N/A

Credits: 3

PE 330 Coaching & Officiating of Baseball
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

Credits: 3

PE 331 Coaching & Officiating of Basketball
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: N/A Summer: N/A

Credits: 3

PE 334 Coaching & Officiating of Football
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: N/A Spring: N/A Summer: N/A

Credits: 3

PE 336 Coaching & Officiating of Softball
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: N/A Spring: N/A Summer: N/A

Credits: 3

PE 337 Coaching & Officiating of Volleyball
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: N/A Spring: N/A Summer: N/A

Credits: 3
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

PE 338 Coaching & Officiating of Soccer Credits: 3
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: N/A 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 Coaching & Officiating Track & Field Credits: 3
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: N/A Summer: N/A

PE 350 Coaching & Officiating of Wrestling Credits: 3
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: N/A 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

Permissions: Instructor's permission required 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: N/A 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: N/A 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.

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

**PE 401 K-12 Physical Education**  
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. Pre-student teaching of 30 hours will be a part of this class. Admission to Education program required.

**Pre-Requisites:** PE 220  
**Course Frequency:** Fall: N/A 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: N/A Spring: N/A Summer: N/A

**PE 481 Adapted Phys Educ Application**  
Credits: 3  
This course covers the fundamentals of assessment of students with disabilities and the selection, development, and conduct of activities in an adapted physical education or activity setting.

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

**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: N/A 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: N/A 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.

**Pre-Requisites:** MKTG 301

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

### PE 496 Workshop in Physical Education

Credits: 1 - 4

To provide physical education credit for workshops in the area.

### Course Frequency:** Fall: N/A 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: 1

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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

### 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.

**Permissions:** Instructor's permission required

### 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: N/A Spring: N/A 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: N/A 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.

**Permissions:** Instructor's permission required  
**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.

**Permissions:** Instructor's permission required  
**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: N/A 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.

**Permissions:** Instructor's permission required  
**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: N/A 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: N/A 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.

**Permissions:** Instructor's permission required  
**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.

**Permissions:** Instructor's permission required  
**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: N/A  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: N/A  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  
**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 603  
**Course Frequency:** Fall: N/A  Spring: N/A  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 603  
**Course Frequency:** Fall: N/A  Spring: N/A  Summer: N/A

**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 603  
**Course Frequency:** Fall: N/A  Spring: N/A  Summer: N/A

**PE 607 Advanced Practicum in Coaching I**  
Credits: 2  
This course includes an in-depth coaching experience applying a sport's knowledge and skills in a hands-on environment. Admission to the Graduate Education program is required.

Pre-Requisites: PE 603  
**Course Frequency:** Fall: N/A  Spring: N/A  Summer: N/A

**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 603  
**Course Frequency:** Fall: N/A  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 athlete's overall experience. Admission to the Graduate Education program required.

Pre-Requisites: PE 603  
**Course Frequency:** Fall: N/A  Spring: N/A  Summer: N/A

**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 603  
**Course Frequency:** Fall: N/A Spring: N/A 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 603  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**PE 612 Advanced Practicum in Coaching II**  
Credits: 2  
This course includes an in-depth coaching experience applying a sport'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 603 and PE 607  
**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
Communities of practice investigating teaching and learning.

The mission of teacher education program at SMSU is to create communities of practice where each learner is an active participant in the investigation of learning, teaching and leadership processes. Teachers and learners will engage in educational theory, research, inquiry, critical reflection, and application.

All M.S. in Education Candidates take the (A) Professional Education Core (19 credits) and (B) Professional Field Emphasis Courses (15 or 16 credits) in one area.

### A. Professional Education Core: (19 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ED 621</td>
<td>Critical Theory of Educational Systems</td>
<td>3</td>
</tr>
<tr>
<td>ED 622</td>
<td>Applied Research &amp; Assessment in Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 623</td>
<td>Professional Planning &amp; Assessment</td>
<td>2</td>
</tr>
<tr>
<td>ED 624</td>
<td>Action Research: Project Design</td>
<td>3</td>
</tr>
<tr>
<td>ED 625</td>
<td>Research Based Analysis of Teaching and Learning</td>
<td>3</td>
</tr>
<tr>
<td>ED 626</td>
<td>Democracy, Diversity, and Leadership</td>
<td>3</td>
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<tr>
<td>ED 627</td>
<td>Action Research: Project Implementation</td>
<td>1 - 2</td>
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### B. Professional Field Emphasis: (15-29 Credits)

Notes:

Select one emphasis:

1. Professional Field Emphasis in Teaching, Learning, and Leadership: (15 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ED 631</td>
<td>Professional Development through Collegial Interaction</td>
<td>3</td>
</tr>
<tr>
<td>ED 632</td>
<td>Linking Pedagogy and Content</td>
<td>3</td>
</tr>
<tr>
<td>ED 633</td>
<td>Current Issues in Education</td>
<td>3</td>
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<tr>
<td>ED 634</td>
<td>Educators as Change Agents</td>
<td>3</td>
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<tr>
<td>ED 635</td>
<td>Content and Curriculum Development</td>
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2. Professional Field Emphasis/K-12 Licensure in Reading: (15 Credits)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ED 502</td>
<td>Early Literacy and Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ED 546</td>
<td>Advanced Developmental Reading Methods &amp; Research</td>
<td>3</td>
</tr>
<tr>
<td>ED 547</td>
<td>Teaching of Literacy</td>
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<tr>
<td>ED 550</td>
<td>Reading Assessment &amp; Evaluation</td>
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<tr>
<td>ED 551</td>
<td>Differentiated Reading Instruction</td>
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3. Professional Field Emphasis in English: (16 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 675</td>
<td>Rhetoric, Literacy, and the Teaching of Writing</td>
<td>4</td>
</tr>
<tr>
<td>LIT 622</td>
<td>19th &amp; 20th Century British Literature Survey</td>
<td>4</td>
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<tr>
<td>LIT 632</td>
<td>American Literature Survey</td>
<td>4</td>
</tr>
<tr>
<td>LIT 670</td>
<td>World Literature</td>
<td>4</td>
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4. Professional Field Emphasis in Math: (16 Credits)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MATH 505</td>
<td>Topic in History of Math</td>
<td>4</td>
</tr>
<tr>
<td>MATH 510</td>
<td>Topics in Number Theory</td>
<td>4</td>
</tr>
<tr>
<td>MATH 515</td>
<td>Advanced Topics in Discrete Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 530</td>
<td>Statistics</td>
<td>4</td>
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</tbody>
</table>

5. Professional Field Emphasis in K-12 English as a Second Language (LICENSE) (29 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ED 502</td>
<td>Early Literacy and Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ED 531</td>
<td>Foundations of Bilingual Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 532</td>
<td>Understanding ESL Language Acquisition</td>
<td>2</td>
</tr>
<tr>
<td>ED 533</td>
<td>Assessment for Linguistically Diverse Students</td>
<td>3</td>
</tr>
<tr>
<td>ED 534</td>
<td>Developing Second Language Literacy</td>
<td>3</td>
</tr>
<tr>
<td>ED 535</td>
<td>Integrating ESL Content &amp; Language Instruction</td>
<td>3</td>
</tr>
<tr>
<td>ED 536</td>
<td>ESL Family, School, &amp; Community Partnerships</td>
<td>3</td>
</tr>
</tbody>
</table>
6. Professional Field Emphasis in Sports Leadership: (15 Credits)

a. Required Courses (6 Credits)
   PE 578  Recreation and Sport Management, Credits: 3
   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: (9 Credits)
   Coaching and Teaching Strand
   ED 680  Organizational Management & Leadership in Academic Settings, Credits: 3
   MBA 550  Staff, Train & Development, 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 550  Staff, Train & Development, 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

C. Other Graduate Offerings:

1. Autism Spectrum Disorder Certificate
   SPED 585  Autism Spectrum Disorders:Issues & Needs, 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

2. Professional Development
   AE 500  Teacher Development Special Topics, Credits: 1 - 12

Total Credits: 34-53

IV. Admission Requirements

Application Materials
* Completed application form and $30.00 (non-refundable) application fee.
* An official transcript from an accredited college or university stating a Bachelor’s Degree (B.S. or B.A.) has been completed.
* A minimum GPA of 3.0 (on a 4.0 scale) for the last two years of undergraduate study (64 semester credits or 96 quarter credits).
* Provisional Admission: Candidates who do not meet the requirement of a 3.0 GPA in the last two years of undergraduate study will need to demonstrate eligibility for the program by earning a “B” or better in nine graduate credits prior to being granted “full admission” status.

Send all materials to:
Office of Graduate Admission
Southwest Minnesota State University
1501 State Street
Marshall, MN 56258

Financial Aid Application
If applying for a student loan to assist with payment, the following forms need to be completed:
**V. Program Regulations**

The following regulations will govern students accepted into the SMSU Master of Science: Education Program.

1. Students may transfer a maximum of six (6) semester credits of previous graduate work from other accredited universities including up to four (4) credits in the Teaching, Learning, and Leadership; Reading, Sports Leadership, and English emphases. For off-campus learning community formats, students may transfer a maximum of three (3) semester credits. Graduate students interested in transfer credit should complete the Student Petition form located on the SMSU website at www.SMSU.edu/registration/petition.pdf or request a form from the Education Department.

2. A minimum GPA of 3.0 will be maintained throughout the graduate program. “D” grades in graduate courses are not acceptable.

3. Students have seven (7) years from the date of their first course registration to complete all requirements for the Master’s Degree.

4. Students who do not complete the off-campus program during the two-year cycle may enroll at a later date with another learning community, subject to department and learning community facilitator approval.

**VI. Program Standards**

The National Board of Professional Teaching Standards (NBPTS) and National Partnership for Excellence and Accountability in Teaching (NPEAT) are embedded in the competencies of this program of study. Participants will build knowledge in subject matter, instructional practices, and the learning/teaching process. Participants will integrate current research into effective practices and develop the leadership capacities necessary to implement effective educational practices in local settings.

**National Board of Professional Teaching Standards (NBPTS):**
The National Board of Professional Teaching Standards seeks to identify and recognize educators who effectively enhance student learning and demonstrate the high level of knowledge, skills, abilities and commitments reflected in the following core propositions.

1. Educators are committed to students and their learning.
2. Educators know the subjects they teach and how to teach those subjects to students.
3. Educators are responsible for managing and monitoring student learning.
4. Educators think systematically about their practice and learn from experience.
5. Educators are members of learning communities.
6. SMSU Leadership Standard: Educators assume active leadership roles in their work place and the larger community.

**National Partnership for Excellence and Accountability in Teaching (NPEAT):**
Characteristics of Effective Professional Development:

1. The content of professional development focuses on what students are to learn and how to address the different problems students may have in learning material.
2. Professional development should be based on analysis of the differences between (a) actual student performance, and (b) goals and standards for student learning.
3. Professional development should involve educators in the identification of what they need to learn and in the development of the learning experiences in which they will be involved.
4. Professional development should be primarily school-based and built into the day-to-day work of educating.
5. Professional development should be organized around collaborative problem solving.
6. Professional development should be continuous and on-going, involving follow-up and support for further learning-including support from sources external to the school that can provide necessary resources and new perspectives.
7. Professional development should incorporate evaluation of multiple sources of information on (a) outcomes for students and (b) the instruction and other processes that are involved in implementing the lessons learned through professional development.
8. Professional development should provide opportunities to gain an understanding of the theory underlying the knowledge and skills being learned.
9. Professional development should be connected to a comprehensive change process focused on improving student learning.

* The SMSU Education Department has modified the NBPTS and NPEAT (as of April 2007).
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<tr>
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<th>Course Title</th>
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<td>Professional Development through Collegial Interaction</td>
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**Reading Licensure Emphasis**

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**Sports Leadership Emphasis**

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**English Emphasis**

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<td>LIT 632</td>
<td>American Literature Survey</td>
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**Math Emphasis**

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**Semester Two**

**Teaching, Learning & Leadership Emphasis**

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**Reading Licensure Emphasis**

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**Sports Leadership Emphasis**

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**English Emphasis**

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<td>ENG 675</td>
<td>Rhetoric, Literacy, and the Teaching of Writing</td>
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**Summer Session One**

**Teaching, Learning & Leadership Emphasis**

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**Reading Licensure Emphasis**

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<td>Teaching of Literacy</td>
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**Semester Three**

**Teaching, Learning & Leadership Emphasis**

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<td>Educators as Change Agents</td>
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**Reading Licensure Emphasis**

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**Sports Leadership Emphasis**
ED 623  Professional Planning & Assessment ................................................. Credits: 2
ED 625  Research Based Analysis of Teaching and Learning ........................ Credits: 3
Notes:  ED XXX  Sports Leadership Course (3)

English Emphasis
ED 625  Research Based Analysis of Teaching and Learning ........................ Credits: 3
LIT 670  World Literature ................................................................................ Credits: 4

Math Emphasis
ED 625  Research Based Analysis of Teaching and Learning ........................ Credits: 3
ED 626  Democracy, Diversity, and Leadership .............................................. Credits: 3

Semester Four
Teaching, Learning & Leadership Emphasis
ED 626  Democracy, Diversity, and Leadership .............................................. Credits: 3
ED 627  Action Research: Project Implementation ........................................... Credits: 1 - 2
ED 635  Content and Curriculum Development ........................................... Credits: 3
Notes:  * ED 627 - Variable 1-2 Credits

Reading Licensure Emphasis
ED 626  Democracy, Diversity, and Leadership .............................................. Credits: 3
ED 627  Action Research: Project Implementation ........................................... Credits: 1 - 2

Sports Leadership Emphasis
ED 626  Democracy, Diversity, and Leadership .............................................. Credits: 3
ED 627  Action Research: Project Implementation ........................................... Credits: 1 - 2
MBA 660  Legal and Ethical Environment of Business ....................................... Credits: 3

English Emphasis
ED 626  Democracy, Diversity, and Leadership .............................................. Credits: 3
ED 627  Action Research: Project Implementation ........................................... Credits: 1 - 2
LIT 622  19th & 20th Century British Literature Survey ..................................... Credits: 4

Math Emphasis
ED 627  Action Research: Project Implementation ........................................... Credits: 1 - 2

Summer Session Two
Math Emphasis
MATH 510  Topics in Number Theory ............................................................. Credits: 4
MATH 515  Advanced Topics in Discrete Mathematics ....................................... Credits: 4

Master of Science: Education, Off-Campus Learning Community Program

Description of Program
The Education Department offers the Master of Science (MS) with a major in education and a specialization in Teaching, Learning & Leadership. This off-campus, graduate program provides Midwest educators an opportunity to pursue graduate study while building valuable professional relationships with fellow educators. The faculty at Southwest Minnesota State University collaborates with regional educator practitioners to establish learning communities throughout the Midwest region. Learning Communities are conveniently located at off-campus sites in locations close to where educators live and work. Each Learning Community studies together for two academic years, meeting an equivalent of twenty times, or ten weekend meetings each year. Meeting dates are determined by the members of the Learning Community and usually are scheduled during the academic year (August-June). The curriculum of the program provides educators with an in-depth understanding of educational issues pertinent to quality instruction and school renewal. Collaborative study and research, reflective teaching, action-based research projects, and active leadership provide the foundation for professional growth. The learning community environment encourages the application of current research in both pedagogy and content areas into effective school practice.

Vision and Philosophy
The Master of Science Learning Community Program has been designed to meet the professional development needs of educators. The program focuses on educational renewal based upon inquiry, practitioner-sponsored learning, and critical reflection. Individual educators assume ownership of their own personal and professional development. Educators must also accept responsibility of personal and group involvement beyond the immediate context of their workplace. The philosophy of Southwest Minnesota State University’s Master of Science Learning Community Program is based on the following ten propositions:

1. The program focuses on transformational professional development.
   The transformation educators experience through engagement in the MS Program is the result of three important outcomes of the program which make it powerful, distinct, and unique:
   1. Capacity-Building
      Educators in the MS Program experience a broad range of growth and development in their pedagogical understandings and methods as they assume ownership of their professional development.
   2. Leadership
      Educators in the MS Program develop a desire to continue their quest for knowledge and improvement of practice as they assume responsibility for taking an active role in promoting the change required for true renewal of their classrooms, schools, and the larger community.
   3. Transportability
      Local classrooms and schools serve as a learning laboratory in the MS Program, enabling practicing educators to effectively transfer their ideas and processes from their collegiate studies in the program to their classrooms, site schools, school systems, and...
communities in which they live and work.

2. The program is accessible to educators.
   Southwest Minnesota State University delivers the MS Program to educators locally, on-site, in a learning community format. This enhances access to educators who live in predominantly rural areas across the region served by Southwest Minnesota State University.

3. The program meets the individual needs of all educators.
   Thirty-four semester hours comprise the master’s degree. In addition, each educator constructs personal goals consistent with personal/professional needs and local, state and national standards. The accomplishment of these goals is assessed through the development of a professional portfolio which is both peer reviewed and facilitator reviewed for quality.

4. The program models current research on teaching/learning and best practices.
   In the MS Program, current classroom research and best practices are modeled and discussed by all educators.

5. The program is developed by practitioners through student-directed learning and continuous student feedback.
   Educators in the MS Program develop an individual professional development plan as the basis for their portfolios, have input into learning community agenda-setting, inquire into core educational topics of personal interest, and experience a democratic classroom context. Students have on-going input into the development and delivery of the MS Program.

6. The program focuses on leadership skills and community involvement which enable the process of true educational renewal.
   The MS Program incorporates leadership skills and promotes educator involvement in both school and the larger community.

7. The program is based on an inquiry approach to learning.
   Teachers engage in reflective, critical inquiry to improve pedagogical practice. They develop essential learning processes that enable them to become lifelong learners in the context of their educational setting.

8. The program emphasizes professional scholarship as a vehicle for involvement within the larger educational community.
   In the MS Program we require educators to:
   a. develop site-based action research projects,
   b. integrate their action research into their workplace,
   c. practice and develop expertise in a repertoire of instructional methodology to effectively design and execute learning programs for students,
   d. write papers suitable for publication in a journal related to their area of expertise, and
   e. communicate their talent development and research findings with the larger professional community at professional education conferences.

9. The program incorporates local, state and national standards.
   The MS Program allows educators to set personal/professional goals which are aligned with local, state and national standards. The National Board for Professional Teaching Standards are incorporated throughout the program.

10. The program focuses on the retention of currently-practicing educators.
    A retention rate of over 96% is clear evidence that most educators who begin the MS Program complete the program while simultaneously developing a renewed involvement with their profession.

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Master of Science: Education, Off-Campus Learning Community Course Sequence (34 Credits)

Begin late August/Early September

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<td>ED 635</td>
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Total Credits: 34

Autism Spectrum Disorders: Graduate Certificate (12 Credits)

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<td>SPED 585</td>
<td>Autism Spectrum Disorders: Issues &amp; Needs</td>
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<td>SPED 686</td>
<td>Autism Spectrum Disorders: Assessment &amp; Programming</td>
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<td>SPED 687</td>
<td>Autism Spectrum Disorders: Communication &amp; Social Skills</td>
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<td>SPED 688</td>
<td>Autism Spectrum Disorders: Behavioral &amp; Instructional Strategies</td>
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Total Credits: 12
ED 095 Preparing for the Spanish Licensure Tests  
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  
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: N/A Spring: N/A Summer: N/A

ED 102 Tech: Classroom Applications & Portfolio  
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: N/A Spring: N/A Summer: N/A

ED 115 Understanding & Preventing Violence & Abuse  
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 220 Language Arts Methods and Assessment  
The course enables the early childhood and elementary teacher to improve communication adequacy as language develops in the child from birth to adolescence, 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 language learners (ELL). Students will complete an eight-hour field experience.

Pre-Requisites: ED 101 and ED 102  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 251 Intro Child Growth & Development  
An introductory study of child growth and development from conception through age 14, with emphasis on teaching applications, student diversity, and pertinent topics associated with alcohol, tobacco, and illicit drug use including the possible effects on prenatal development through adolescence.

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

ED 275 Foundations: Parent-Child Relationships  
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: N/A Spring: N/A Summer: N/A

ED 286 Special Topics in Education  
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  
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 Education course.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 296 Workshop in Education  
Special workshops created and designed according to the needs of the participants. Offered in different formats and time spans.
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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: N/A 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: N/A 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

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: N/A 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. Admission to Teacher Education Program is required.

Course Frequency: Fall: N/A Spring: N/A 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: N/A 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.

Course Frequency: Fall: N/A Spring: N/A 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 or ED 315

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: N/A 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: N/A 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 251 and EDFN 102 and EDFN 201 or ED 102 and ED 251 or ED 101 and ED 251 and EDFN 102 or ED 102 and ED 251 and EDFN 201 or Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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: N/A 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. 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: N/A Spring: N/A Summer: N/A

ED 402 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. Students will complete a 15 hour lab placement as part of this class.

Course Frequency: Fall: N/A 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.

Pre-Requisites: ED 301 Course Frequency: Fall: N/A 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.

Pre-Requisites: ED 301 Course Frequency: Fall: N/A Spring: N/A 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.

**Pre-Requisites:** ED 301  
**Course Frequency:** Fall: N/A Spring: N/A 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.

**Pre-Requisites:** ED 301  
**Course Frequency:** Fall: N/A 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.

**Pre-Requisites:** ED 301  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 410 Middle Level Communication Arts/Literature Methods**  
Credits: 3  
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: N/A Spring: N/A Summer: N/A

**ED 411 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: N/A Summer: N/A

**ED 412 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: N/A Summer: N/A

**ED 413 Middle Level Methods: Social Science**  
Credits: 3  
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: N/A Spring: N/A Summer: N/A

**ED 414 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: N/A Summer: N/A

**ED 415 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: N/A 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: N/A Summer: N/A

ED 431 Foundations of Bilingual Education  
Credits: 3  
In this class students will learn about linguistically and culturally diverse students and about themselves as professionals. Students will also examine all issues that may impact the school experiences of language minority students. The required preparation for this course is 1 year of foreign language.

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

ED 432 Understanding ESL Language Acquisition  
Credits: 3  
This course looks at foundational literature in three areas: 1) native language acquisition, 2) second language acquisition, and 3) second language acquisition in the academic setting, where students are required to learn content and language simultaneously.

Pre-Requisites: ED 431  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 433 Assessment for Linguistically Diverse Students  
Credits: 3  
Students will learn to expand their own assessment literacy as well as second language learners. Commonly used tests and techniques will be used so that students will become familiar and will be able to identify and place bilingual/ESL students in public school settings.

Pre-Requisites: ED 431  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 434 Developing Second Language Literacy  
Credits: 3  
Students will understand the role of literacy development in content area learning so that teachers can support second language learners' literacy and content learning. The areas of communication, pattern, and variability are studied based on students' background knowledge.

Pre-Requisites: ED 431  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 435 Integrating ESL Content & Language Instruction  
Credits: 3  
In this course, students learn methods to help them understand how to integrate content and language instruction in curriculum development for second language learners. Students will gain an understanding of the SIOP (Sheltered Instruction Observation Protocol) Model of instruction for lesson planning and implementation.

Pre-Requisites: ED 431  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

ED 436 ESL Family, School, & Community Partnerships  
Credits: 3  
Students will discuss the standards, principles, policies, and processes of working together with families, schools, and communities in sharing the development of children.

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

ED 437 ESL Practicum/Student Teaching  
Credits: 6  
A directed field experience intended as the capstone course in this ESL program. A minimum experience of two weeks in each of the three levels (elementary, middle, and high school) is required. Placement in practicum will be dependent on completion of all ESL licensure courses.

Course Frequency: Fall: N/A Spring: N/A 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: N/A 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 or ED 443  
**Course Frequency:** Fall: N/A Spring: N/A 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: N/A

**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: N/A

**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.

**Course Frequency:** Fall: N/A Spring: N/A 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 450  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 453 Assessment in Elementary 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: N/A Spring: N/A 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: N/A Summer: N/A

**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.

**Pre-Requisites:** ED 330 or ED 330  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 461 Early Childhood Internship**  
Credits: 4  
Students will complete an extended supervised field experience in an agency serving young children and their families.
ED 462 Student Teaching: Birth - Grade 3  
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.

Permissions: Instructor's permission required

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

ED 463 Student Teaching: PreK - Grade 6  
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: N/A Spring: N/A Summer: N/A

ED 464 Student Teaching: K - Grade 8  
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: N/A Spring: N/A Summer: N/A

ED 465 Student Teaching: Varied Placement  
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.

Permissions: Instructor's permission required

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

ED 466 Student Teaching: K - Grade 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: N/A Spring: N/A Summer: N/A

ED 467 Advanced Student Teaching  
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: N/A Spring: N/A Summer: N/A

ED 468 Advanced Practicum  
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: N/A Spring: N/A Summer: N/A

ED 469 Student Teaching: Grade 5 - 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: N/A Spring: N/A Summer: N/A

ED 477 Working with At-Risk Youth  
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  
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
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.

ED 482 Best Practices in Online Teaching
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.

ED 483 Teaching with Technology
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.

ED 486 Special Topics
This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

ED 488 Assistantship
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.

ED 489 Field Experience with Special Needs Students
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.

ED 494 Independent Study
This course allows students to do an in-depth, independent study exploration for a better understanding of a particular area of education.

ED 499 Internship - Field Experience - Field Study
Field experience designed by the requesting student and the faculty member who has agreed to help structure and supervise the experience.

ED 502 Early Literacy and Linguistics
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 course 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.

ED 531 Foundations of Bilingual Education
In this class students will learn about linguistically and culturally diverse students and about themselves as professionals. Students will also examine all issues that may impact the school experiences of language minority students. The required preparation for this course is 1 year of foreign language.
Permissions: Instructor's permission required  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 532 Understanding ESL Language Acquisition  
Credits: 2
This course looks at foundational literature in three areas: 1) native language acquisition, 2) second language acquisition, and 3) second language acquisition in the academic setting, where students are required to learn content and language simultaneously.

Pre-Requisites: ED 531  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 533 Assessment for Linguistically Diverse Students  
Credits: 3
Students will learn to expand their own assessment literacy as well as second language learners. Commonly used tests and techniques will be used so that students will become familiar and will be able to identify and place bilingual/ESL students in public school settings.

Pre-Requisites: ED 531 and ED 532  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 534 Developing Second Language Literacy  
Credits: 3
Students will understand the role of literacy development in content area learning so that teachers can support second language learners' literacy and content learning. The areas of communication, pattern, and variability are studied based on students' background knowledge.

Pre-Requisites: ED 531 and ED 532 and ED 533  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 535 Integrating ESL Content & Language Instruction  
Credits: 3
In this course, students learn methods to help them understand how to integrate content and language instruction in curriculum development for second language learners. Students will gain an understanding of the SIOP (Sheltered Instruction Observation Protocol) Model of instruction for lesson planning and implementation.

Pre-Requisites: ED 531 and ED 532 and ED 533 and ED 534  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 536 ESL Family, School, & Community Partnerships  
Credits: 3
Students will discuss the standards, principles, policies, and processes of working together with families, schools, and communities in sharing the development of children.

Pre-Requisites: ED 532  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

ED 537 ESL Practicum/Student Teaching  
Credits: 6
A directed field experience intended as the capstone course in this ESL program. A minimum experience of two weeks in each of the three levels (elementary, middle, and high school) is required. Placement in practicum will be dependent on completion of all ESL licensure courses.

Pre-Requisites: ED 536  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A

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: N/A  Spring: N/A  Summer: N/A

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: N/A  Spring: N/A  Summer: N/A

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: N/A  Spring: N/A  Summer: N/A

ED 551 Differentiated Reading Instruction  
Credits: 3
This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students. Admission to Education Graduate program required.
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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

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

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

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

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.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

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: N/A Spring: N/A Summer: N/A

**ED 603 School Based Management**

This course will focus on an analysis of school based management and leadership in American schools. Site visits and panel discussions of superintendents and principals are included in the program. Case studies will be reviewed and analyzed by teams of students. Leadership styles and organizational concepts will be examined. Students will conduct research of management and operations at school sites in the area. A final presentation of research by individual groups will be required.

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

**ED 604 Curriculum Theory & Design**

This intensive course will provide doctoral students with a review and analysis of current brain research and educational theory. Students will actively participate in implementing teaching strategies, assessments and curriculum design. Three modules include: Modules I- Theories of Intelligence, Constructivism, Cooperative Learning and Assessment Module II- Brain Research, Theory and Applications and Module 3- Unit and Lesson Design. Classroom modules are followed by shadowing visits to selected school sites. Students will build a portfolio documenting experiences in each of the three modules. The portfolio review and final presentations will determine the final grade for the course.

**Permissions:** Instructor's permission required

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

**ED 610 Professional Development for Meaningful Learning**

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: N/A Spring: N/A Summer: N/A

**ED 612 Democracy, Diversity, and Education**

Students are challenged to critically examine a diversity of culturally embedded beliefs, knowledge, processes, and organizational structures. Students will identify and demonstrate an understanding of various dimensions of inclusive, multicultural, and global education.

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

**ED 614 Critical Analysis of Teaching and Learning**

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: N/A Spring: N/A Summer: N/A

**ED 618 Linking Content, Pedagogy, & Assessment**

Students develop and refine the form and way curriculum is organized and covered using research-based instructional practices in his/her content area. Students will develop a process to assess student learning and program standards.

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

**ED 621 Critical Theory of Educational Systems**

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: N/A Spring: N/A Summer: N/A

**ED 622 Applied Research & Assessment in Education**

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: N/A Spring: N/A Summer: N/A

**ED 623 Professional Planning & Assessment**

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

**ED 624 Action 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 an action research project designed to improve, implement or understand the issue identified. Students conduct a review of the literature, examine and select a research design, determine data collection tools, and apply analytical processes appropriate to the initial and emerging needs of the project. Admission to Education Graduate program is required.

**Pre-Requisites:** ED 622  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 625 Research Based Analysis of 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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A

**ED 627 Action Research: Project Implementation**  
Credits: 1 - 2  
Students implement and complete their action research projects. Admission to Education Graduate program is required.

**Pre-Requisites:** ED 622 and ED 624 or ED 600 and ED 690 or ED 622 or ED 600 and ED 624  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**ED 628 Continuing Research Education**  
Credits: 1 - 3  
This course is for graduate students who have not completed their research at the end of their final research course. Students would be required to enroll for one credit each semester until their research has been completed and approved.

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

**ED 631 Professional Development through Collegial Interaction**  
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: N/A Spring: N/A Summer: N/A

**ED 632 Linking Pedagogy and Content**  
Credits: 3  
Students examine and connect current research in learning to the content area 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: N/A Spring: N/A Summer: N/A

**ED 633 Current 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: N/A Spring: N/A Summer: N/A

**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: N/A Spring: N/A Summer: N/A
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: N/A  Spring: N/A  Summer: N/A

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: N/A  Spring: N/A  Summer: N/A

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: N/A  Spring: N/A  Summer: N/A

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: N/A  Spring: N/A  Summer: N/A

ED 658 Educators As Change Agents  Credits: 3
Students will explore advocacy and leadership skills and their role and value in the educational setting and community. Students will engage in active leadership roles and professional development within their educational contexts.

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

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: 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: 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: 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: N/A  Spring: N/A  Summer: N/A
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: N/A Spring: N/A Summer: N/A

ED 710 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: N/A Spring: N/A Summer: N/A

ED 712 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: N/A Spring: N/A Summer: N/A

ED 714 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: N/A Spring: N/A Summer: N/A

ED 716 Supervision and School Relationships  
Credits: 3  
Students in this course will examine models of supervision, professional development, 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: N/A Spring: N/A Summer: N/A

ED 718 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 720 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: N/A Spring: N/A Summer: N/A

ED 722 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: N/A Spring: N/A Summer: N/A

ED 724 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 726 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 728 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: N/A Spring: N/A Summer: N/A

ED 730 Transforming Special Education Directors' Perspectives Credits: 3
This course will be a Director of 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.

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

ED 732 Internship I- Principal Credits: 3
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.

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

ED 734 Internship II- Principal Credits: 3
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.

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

ED 736 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 738 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 740 Internship I- Special Education Director**

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 742 Internship II- Special Education Director**

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 746 Portfolio Implementation**

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: N/A Spring: N/A Summer: N/A

**ED 748 Portfolio Capstone**

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: N/A Spring: N/A Summer: N/A

**ED 750 Special Education Law for SPED Directors**

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: N/A Spring: N/A Summer: N/A

**ED 754 Advanced Research Based Analysis of Educational Leadership**

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**

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**

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
This course does not count toward a Literature or Creative Writing major.

**Goals:** Humanities/Fine Arts (06), Diversity (07)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**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.

**Goals:** Humanities/Fine Arts (06)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**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.

**Goals:** Humanities/Fine Arts (06), Global (08)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**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.

**Goals:** Humanities/Fine Arts (06), People/Environmental (10)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**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.

**Goals:** Humanities/Fine Arts (06)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

This course introduces students to poetry as a literary form.

**Goals:** Humanities/Fine Arts (06)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3

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

**Goals:** Humanities/Fine Arts (06), Global (08)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**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.

**Goals:** Humanities/Fine Arts (06)  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A  
**Credits:** 3
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: N/A Spring: N/A 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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

LIT 308 Authors: Short Course  Credits: 1

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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

LIT 321 British Literature: Beginning through Restoration and 18th Century  Credits: 4
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: N/A Spring: N/A Summer: N/A

LIT 322 British Literature: Nineteenth and Twentieth Century  Credits: 4
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 102 and ENG 103 or ENG 151 Course Frequency: Fall: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A
This course focuses on selected examples of Shakespeare's comic drama, including representative "romances."

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

**LIT 331 American Literature: Beginning through Realism and Naturalism**

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: N/A Spring: N/A Summer: N/A

**LIT 332 American Literature: Modern & Contemporary**

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: N/A Summer: N/A

**LIT 335 African American Literature**

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.

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

**LIT 340 Sexuality and Gender in Literature**

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

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

**LIT 350 Western American Literature**

This course covers representative literature of the American westering experience and includes such topics as the mountain man, the pioneer, the Native American, the homesteader and the ecologist in the modern West.

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

**LIT 355 Native American Literature**

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.

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

**LIT 360 Chinese Literature**

This course is an introduction to basic ideas, philosophies, and works of literature in Chinese culture. It includes a description of the Chinese language and some examples of contemporary literature, for example, BiBai, TuFu, Laotze and GuHua.

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

**LIT 365 Auto/Biography**

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: N/A Spring: N/A Summer: N/A

**LIT 370 Contemporary World Literature**

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: N/A Spring: N/A Summer: N/A

**LIT 375 Women's Literature**

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

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Frequency</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT 410</td>
<td>Literacy &amp; Literature for Adolescents</td>
<td>3</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>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.</td>
</tr>
<tr>
<td>LIT 486</td>
<td>Advanced Topics in Literature</td>
<td>1 - 4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.</td>
</tr>
<tr>
<td>LIT 494</td>
<td>Directed Studies in Literature</td>
<td>1 - 4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>Independent work is available only to students with special needs or exceptional ability. Only four (4) credits may count toward a Literature major. Permission required.</td>
</tr>
<tr>
<td>LIT 495</td>
<td>Senior Seminar</td>
<td>1</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>The capstone class for senior Literature students in which they demonstrate through a collection of their best written work their mastery of literary skills. See separate department handout. Credit/no credit only. Permission required.</td>
</tr>
<tr>
<td>LIT 586</td>
<td>Special Topics in Literature</td>
<td>1 - 4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>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. Permission required.</td>
</tr>
<tr>
<td>LIT 622</td>
<td>19th &amp; 20th Century British Literature Survey</td>
<td>4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>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. Permission required.</td>
</tr>
<tr>
<td>LIT 632</td>
<td>American Literature Survey</td>
<td>4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>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. Permission required.</td>
</tr>
<tr>
<td>LIT 670</td>
<td>World Literature</td>
<td>4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>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. Permission required.</td>
</tr>
<tr>
<td>LIT 686</td>
<td>Special Topics in Literature</td>
<td>1 - 4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>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. Permission required.</td>
</tr>
<tr>
<td>LIT XXX</td>
<td>Literature courses</td>
<td>4</td>
<td>Fall: N/A; Spring: N/A; Summer: N/A</td>
<td>Choose 4 credits of literature courses. Permission required.</td>
</tr>
</tbody>
</table>
MBA 504 Indust/Organiz Psycholog  Credits: 3
Explores how psychological principles and methods are applied in the workplace. Principles that relate to learning, motivation, perception, and group dynamics are considered in terms of their effect on work-related behavior. The extent to which various research methods can be of use in the workplace is investigated. Major areas of focus are personnel psychology, human relations, consumer behavior, and organizational psychology.

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

MBA 505 Organizational Values  Credits: 3
Provides a comprehensive examination of critical and varied ethical issues in American Business. It takes personal values, conventional morality, and pragmatism into account. It deals with the theories and techniques of reasoning and argumentation that are needed to analyze and articulate ethical issues in business. It raises questions about the morality of management decisions in light of various ethical dilemmas.

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

MBA 511 Integrated Marketing Communications  Credits: 3
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: N/A Spring: N/A Summer: N/A

MBA 531 Sales Management  Credits: 3
MBA 537 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: N/A Summer: N/A

MBA 538 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: N/A Spring: N/A Summer: N/A

MBA 539 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: N/A Summer: N/A

MBA 540 Club Management  Credits: 3
Provides the student with an understanding of the general operational and administrative procedures in private clubs. It will provide the hospitality student with the unique sensitivities required in managing and operating in the increasingly lucrative club management market.

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

**MBA 542 Consumer Behavior & Product Development Success**  
Credits: 3  
This course is designed to integrate marketing concepts, theories, and best practices as they apply to Menu Research & Development. The course is structured on the Menu Research & Development process, and examines the role of marketing and the specific marketing activities that occur at each stage. Class members are expected to be active partners with the instructor in the learning process, and course activities and evaluation will reflect both the quality and quantity of contributions.

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

**MBA 543 Contemporary Issues in Hospitality Management**  
Credits: 3  
The trends and issues pertaining to hospitality and tourism industry with emphasis on current changes that are affecting the industry including government policies and regulations, safety and security issues, foundation of crisis management, organizational climate and employee satisfaction, and common legal issues in hospitality industry. Students will be introduced to many of these issues and in turn, develop critical thinking and problem solving skills for such issues.

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

**MBA 544 Food Science**  
Credits: 3  
Overview of major food components (carbohydrates, proteins, 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 principals to the preparation of food upon completion of this course.

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

**MBA 545 Gaming Management**  
Credits: 3  
The course investigates the history and general operation of gaming properties, with special emphasis on casino hotels and their multiplier effects on hospitality industry from the economic, political, and social point of view.

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

**MBA 546 Research & Development: From Ideation & Innovation to Success**  
Credits: 3  
This is an interactive course that integrates and applies the principles of new product development, from identification and testing of new product concepts, to successful introduction of new products, using examples from industry. The course covers the principles of new product development process; establishment and management of a product development project; techniques used for product development, including team approach method, focus group, optimization, up-scaling, sensory evaluation, shelf life and stability testing, nutritional labeling, and HACCP plan; ingredient technology: function and selection; functionality of food components; innovations protection. The course includes case studies and a project paper.

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

**MBA 547 Sensory Science & Consumer Testing Principles**  
Credits: 3  
The course covers general principles of sensory product testing; sensory methods in food evaluation (threshold, discrimination, descriptive and quality tests, scaling, time-intensity, biases, sensory interactions in product evaluation); Consumer methods (quantitative methods, questionnaire design, acceptance, preference, fallacies of contemporary consumer science approaches); psychophysics; anatomical, biochemical, physiological and neurobiological functions of the human senses (taste, odor, touch, pain/irritation, sight, hearing); neurophysiology of the digestive system; fundamental principles of sensation, perception, affection and cognition; data analytical methods in sensory science.

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

**MBA 548 Tourim Management**  
Credits: 3  
The interdisciplinary aspects of the tourism industry, with special emphasis on managerial responsibilities and diverse demands for both domestic and international tourism success. Various tourism promoters will be examined, as are the factors including social and demographic changes affecting the demand for tourism products and services.

**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A
MBA 549 Hospitality Operations and Policy
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: N/A Summer: N/A

MBA 550 Staff, Train & Development
Centers on aspects of human resource management (HRM) and human resource development (HRD). Aspects of effective staffing will be covered. This course is also concerned with evolving issues surrounding the HRD discipline. The nature and function of HRD will be discussed, including strategic and operational factors.

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

MBA 561 Entrepreneurship
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: N/A Spring: N/A Summer: N/A

MBA 571 International Marketing
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: N/A Summer: N/A

MBA 575 Management of Information Services
This is a computer-based information systems with emphasis on information processing systems as a tool for management of organizations. This course requires that students learn to use software and hardware to facilitate managerial decision-making, planning and control.

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

MBA 576 Data Management
This course provides students with an overview of the major topics in the field of database system from an applied perspective. The emphasis will be on the relational database. Topics to be covered include conceptual design, logical design, and physical design of database, and database management issues.

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

MBA 577 Management of Technology Professionals
This course introduces students to the principles of effective leadership and people management in technology-driven firms. In the business of technology and the technology of business, brainpower - Human CPU - defines the most important factor in the success or failure of an organization. The course explores the characteristics of professional and technical personnel.

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

MBA 578 Information Technology Project Management
This course is a comprehensive introduction into project management. It will survey project management concepts as applied to information technology: principal topics include project selection, planning and business strategy; project scheduling, costs and control; interpersonal, leadership and managerial skills; quality, risk, and change management. The general content of the course is focused on modern project management knowledge and the application of that knowledge. Specifically the content of this course is focused on the people, managerial and leadership skills necessary to deal with information technology projects.

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

MBA 590 Research Methodology
Applies theories and quantitative methods to the formulation and analysis of various research questions and practices.

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

**MBA 595 Prof Research in Mgmt**

Credits: 3

This is the Master's Thesis option. Students must demonstrate familiarity with the tools of research and scholarship in their major field, the ability to work independently, and the ability to present the results of their investigation effectively.

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

**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: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A Summer: N/A

**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: N/A

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, technostructural, systemwide, and strategic change.

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

MBA 653 Human Resource Management

The course explores the various functions and roles involved in strategic human resource (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: N/A Summer: N/A

MBA 670 Financial Analysis Credits: 3
Analyses 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: N/A Spring: N/A Summer: N/A

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: N/A

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: N/A Spring: N/A Summer: N/A

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: N/A 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: N/A Spring: N/A Summer: N/A
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: N/A Spring: N/A 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

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: N/A Spring: N/A 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: N/A 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: N/A 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: N/A Spring: N/A 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: N/A Spring: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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: N/A 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
PE 135 Dance for Fitness/Zumba
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: N/A Spring: N/A Summer: N/A

PE 139 Aerobics
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
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
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
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: N/A Spring: N/A Summer: N/A

PE 147 Beginning Tennis
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
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: N/A Spring: N/A Summer: N/A

PE 150 Snow Shoeing
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 Beginning Cross-Country Skiing
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
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: N/A Spring: N/A Summer: N/A

PE 153 Beginning Racquetball
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 156 Adventure Ropes**  
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: N/A Spring: N/A Summer: N/A

**PE 158 Canoeing**  
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**  
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: N/A Spring: N/A Summer: N/A

**PE 161 Swimmercize**  
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**  
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**  
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.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**PE 170 Lifetime Fitness**  
Lifetime 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: N/A Spring: N/A Summer: N/A

**PE 171 Step Aerobics**  
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: N/A Spring: N/A Summer: N/A

**PE 172 Intramural Activities**  
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: N/A Spring: N/A Summer: N/A
PE 173 Outdoor Activities  
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  
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  
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: N/A Summer: N/A

PE 210 Introduction to Adapted Physical Education  
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: N/A Summer: N/A

PE 220 Curriculum and Instruction in Physical Education  
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: N/A Summer: N/A

PE 249 Physical Fitness Concept  
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: N/A Summer: N/A

PE 250 Sports in American Culture  
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  
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  
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: N/A Summer: N/A

PE 258 Intermediate Canoeing  
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

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

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

Credits: 1 - 4

PE 292 Honors Credit in Phy Ed

An independent study course designed primarily for Honors Program students. This course allows more indepth or comprehensive study or research by honors students.

Permissions: Instructor's permission required

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

Credits: 1 - 4

PE 300 Recreation Diversity & Leadership

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: N/A Spring: N/A Summer: N/A

Credits: 3

PE 330 Coaching & Officiating of Baseball

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

Credits: 3

PE 331 Coaching & Officiating of Basketball

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: N/A Summer: N/A

Credits: 3

PE 334 Coaching & Officiating of Football

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: N/A Spring: N/A Summer: N/A

Credits: 3

PE 336 Coaching & Officiating of Softball

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: N/A Spring: N/A Summer: N/A

Credits: 3

PE 337 Coaching & Officiating of Volleyball

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: N/A Spring: N/A Summer: N/A

Credits: 3

PE 338 Coaching & Officiating of Soccer

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: N/A Summer: N/A

Credits: 3

PE 344 Motor Development

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

Credits: 3
PE 348 Coaching & Officiating Track & Field  
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: N/A Summer: N/A

PE 350 Coaching & Officiating of Wrestling  
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: N/A Summer: N/A

PE 356 Swimming Instruction Methods  
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

Permissions: Instructor's permission required
Course Frequency: Fall: N/A Spring: N/A Summer: N/A

PE 360 Introduction to Recreation, Parks, and Community Education  
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: N/A Spring: N/A Summer: N/A

PE 362 Recreational Aquatics  
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: N/A Summer: N/A

PE 381 Elementary School Physical Education  
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.

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

PE 387 Rhythm and Dance Fundamentals  
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: N/A Summer: N/A

PE 390 Organ & Admin of Athletics & PE  
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  
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: N/A Summer: N/A

PE 393 Adapted Practicum I  
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: N/A Spring: N/A Summer: N/A

PE 395 Exercise Psychology  
This course will examine the research, theory, and practical applications of the psychological domain in exercise.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 400</td>
<td>Recreation Program Planning</td>
<td>3</td>
<td>N/A</td>
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<td>This course focuses on the program planning process used in the community recreation setting. The student will learn methods and guidelines for 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.</td>
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<tr>
<td>PE 401</td>
<td>K-12 Physical Education</td>
<td>3</td>
<td>N/A</td>
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<td>This course explores in detail the basic principles of Physical Education and skills and methods of teaching physical education to K-12 students. Pre-student teaching of 30 hours will be a part of this class. Admission to Education program required.</td>
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<td>Pre-Requisites: PE 220</td>
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<tr>
<td>PE 478</td>
<td>Recreation &amp; Sports Management</td>
<td>3</td>
<td>N/A</td>
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<td></td>
<td>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.</td>
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<tr>
<td>PE 481</td>
<td>Adapted Phys Educ Application</td>
<td>3</td>
<td>N/A</td>
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<td></td>
<td>This course covers the fundamentals of assessment of students with disabilities and the selection, development, and conduct of activities in an adapted physical education or activity setting.</td>
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<tr>
<td>PE 482</td>
<td>Practicum in Coaching</td>
<td>1-4</td>
<td>N/A</td>
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<td></td>
<td>The application of techniques and coaching in a clinical situation.</td>
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<td>PE 483</td>
<td>Intramural Practicum</td>
<td>3</td>
<td>N/A</td>
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<td>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.</td>
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<td>PE 484</td>
<td>Planning Facilities for Physical Activities</td>
<td>3</td>
<td>N/A</td>
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<td>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.</td>
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<td>PE 486</td>
<td>Special Topics</td>
<td>1-4</td>
<td>N/A</td>
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<td></td>
<td>This course is designed to provide upper-division students an opportunity to experience a special or experimental curriculum enrichment course.</td>
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<td>PE 488</td>
<td>Legal Aspects of Recreation &amp; Sport</td>
<td>3</td>
<td>N/A</td>
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<td></td>
<td>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.</td>
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<td>PE 489</td>
<td>Sports Marketing, Sales, and Promotions</td>
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<td>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.</td>
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<td>Pre-Requisites: MKTG 301</td>
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<td>PE 490</td>
<td>Field Practicum</td>
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<td>N/A</td>
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<td></td>
<td>This course will enable students to apply knowledge and principals of fitness, exercise science and/or sports</td>
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management in a practicum experience. Senior standing required.

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

**PE 494 Independent Studies**
Credits: 1 - 4
Independent study and research within the physical education and human performance area.

**Permissions:** Instructor's permission required **Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**PE 496 Workshop in Physical Education**
Credits: 1 - 4
To provide physical education credit for workshops in the area.

**Course Frequency:** Fall: N/A 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: 1
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: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

**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.

**Permissions:** Instructor's permission required **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: N/A Spring: N/A 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: N/A 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.

**Permissions:** Instructor's permission required **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.
Permissions: Instructor's permission required  
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: N/A  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.

Permissions: Instructor's permission required  
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: N/A  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: N/A  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.

Permissions: Instructor's permission required  
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.

Permissions: Instructor's permission required  
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: N/A  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: N/A  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  
Course Frequency: Fall: N/A  Spring: N/A  Summer: N/A
PE 604 Educational Principles in Coaching  
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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

PE 605 Physical Preparation and Conditioning  
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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

PE 606 Sport Safety and Injury Prevention  
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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

PE 607 Advanced Practicum in Coaching I  
This course includes an in-depth coaching experience applying a sport's knowledge and skills in a hands-on environment. Admission to the Graduate Education program is required.

Pre-Requisites: PE 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 2

PE 608 Organization, Administration and Marketing of Sport  
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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

PE 609 Psychology of Athletic Performance  
This course includes the study of effective methods of teaching and motivation to enhance sport performance and the athlete's overall experience. Admission to the Graduate Education program required.

Pre-Requisites: PE 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

PE 610 Legal Aspects of Sport for Coaches  
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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

PE 611 Portfolio Capstone  
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 603  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 3

PE 612 Advanced Practicum in Coaching II  
This course includes an in-depth coaching experience applying a sport's knowledge and skills in a hands-on environment in a setting beyond that of the Advanced Practicum in Coaching course and the students current experience level. Admission to Graduate Education program required.

Pre-Requisites: PE 603 and PE 607  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A  
Credits: 2

PE 697 GS:Current Issues & Curriculum Dev in Health & Physical Education  
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  
Credits: 3
### Master of Science: Special Education (34 Credits)

**A. Special Education Core (15 Credits)**

- **SPED 540** Assessment & Educational Planning  
  Credits: 3
- **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

**B. Research Component: (7 Credits)**

- **ED 622** Applied Research & Assessment in Education  
  Credits: 3
- **ED 624** Action Research: Project Design  
  Credits: 3
- **ED 627** Action Research: Project Implementation  
  Credits: 1 - 2

**C. Specialty Courses: (12 Credits)**

- **Notes:** Select at least one specialization

  **Developmental Disabilities License/Specialization**
  - **SPED 621** Access and Support for Developmental Disabilities  
    Credits: 3
  - **SPED 641** Life Span Learning & Outcomes for DD  
    Credits: 3
  - **SPED 681** DD Practicum in Special Ed: K-6  
    Credits: 3
  - **SPED 691** DD Practicum in Special Education: 7-12  
    Credits: 3

  **Early Childhood Special Education License/Specialization**
  - **SPED 622** Foundations in ECSE: Birth to 6  
    Credits: 3
  - **SPED 642** Programming for ECSE: Birth to 6  
    Credits: 3
  - **SPED 682** ECSE Practicum in Special Education: Birth - 3  
    Credits: 3
  - **SPED 692** ECSE Practicum in Special Education: 3-6  
    Credits: 3

  **Emotional Behavioral Disorders License/Specialization**
  - **SPED 620** Characteristics of Students with Learning & Behavior Disorders  
    Credits: 3
  - **SPED 643** Behavior Management & Teaching Strategies  
    Credits: 3
  - **SPED 683** EBD Practicum in Special Education: K-6  
    Credits: 3
  - **SPED 693** EBD Practicum in Special Education: 7-12  
    Credits: 3

  **Learning Disabilities License/Specialization**
  - **SPED 620** Characteristics of Students with Learning & Behavior Disorders  
    Credits: 3
  - **SPED 644** Teaching & Achievement Strategies for Learning Disabilities  
    Credits: 3
  - **SPED 684** LD Practicum in Special Education: K-6  
    Credits: 3
  - **SPED 694** LD Practicum in Special Education: 7-12  
    Credits: 3

**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](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. 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](http://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](http://www.smsu.edu).

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
* Licensure in special educations 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 core and course work/practicum in a chosen specialty/licensure area
  4. Successfully passes the Praxis II Test in Special Education (20353) and
  5. Submits an application with all the requirements to the Minnesota Department of Education.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 286 Special Topics</td>
<td>1 - 4</td>
</tr>
<tr>
<td>SPED 290 Introduction to Special Needs and Lab</td>
<td>3</td>
</tr>
<tr>
<td>This course provides information on the various exceptionalities and facilities 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.</td>
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<tr>
<td>Course Frequency: Fall: N/A Spring: N/A Summer: N/A</td>
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<tr>
<td>SPED 400 Field Experience in Special Education</td>
<td>0 - 2</td>
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<tr>
<td>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.</td>
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<tr>
<td>Course Frequency: Fall: N/A Spring: N/A Summer: N/A</td>
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<tr>
<td>SPED 430 Foundations in Mild to Moderate Disabilities</td>
<td>3</td>
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<tr>
<td>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.</td>
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<tr>
<td>Pre-Requisites: SPED 290 or junior status. EDSP 290 junior status. Course Frequency: Fall: N/A Spring: N/A Summer: N/A</td>
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<tr>
<td>SPED 440 Assessment &amp; Educational Planning</td>
<td>3</td>
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<tr>
<td>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.</td>
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</tr>
<tr>
<td>Pre-Requisites: SPED 290 or junior status. EDSP 290 or junior status. EDSP 290 junior status. Course Frequency: Fall: N/A Spring: N/A Summer: N/A</td>
<td></td>
</tr>
<tr>
<td>SPED 450 Curriculum Design &amp; Implementation in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>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.</td>
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<tr>
<td>Pre-Requisites: SPED 290 junior status. Course Frequency: Fall: N/A Spring: N/A Summer: N/A</td>
<td></td>
</tr>
<tr>
<td>SPED 460 Positive Behavior Support in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Pre-Requisites: SPED 290 or junior status. EDSP 290 junior status. Course Frequency: Fall: N/A Spring: N/A Summer: N/A</td>
<td></td>
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<tr>
<td>SPED 466 Student Teaching K-12 Special Education</td>
<td>12</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Course Frequency: Fall: N/A Spring: N/A Summer: N/A</td>
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</tr>
</tbody>
</table>
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 or junior status. EDSP 290 junior status. Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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 or junior status. EDSP 290 junior status. Course Frequency: Fall: N/A 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.

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

SPED 486 Special Topics  
Credits: 1 - 4

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: 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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A

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: N/A Summer: N/A

SPED 540 Assessment & Educational Planning  
Credits: 3

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: N/A 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.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A 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: N/A Spring: N/A Summer: N/A

SPED 570 Collaboration in Educational Settings
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: N/A Spring: N/A Summer: N/A

SPED 580 Procedural Safeguards in Special Education
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: N/A Spring: N/A Summer: N/A

SPED 585 Autism Spectrum Disorders: Issues & Needs
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: N/A Spring: N/A Summer: N/A

SPED 586 Special Topics
This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course.

Permissions: Instructor's permission required Course Frequency: Fall: N/A Spring: N/A Summer: N/A

SPED 600 Research Seminar
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. This is an elective that is recommended prior to taking ED/EDSP 690.

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

SPED 620 Characteristics of Students with Learning & Behavior Disorders
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: N/A

SPED 621 Access and Support for Developmental Disabilities
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: N/A

SPED 622 Foundations in ECSE: Birth to 6
An overview and introduction to the field of early childhood special education. Attention will be given to the aspects of medical care, health, nutrition, and safety management for infants, young children, and their families.

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

SPED 623 Characteristics of Students with Moderate to Emotional Behavior Disorders
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.
SPED 624 Characteristics of Students with Moderate to Severe Learning Disabilities  
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
Credits: 3

SPED 627 Research Project Implementation  
Students implement and complete their research project

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Credits: 2

SPED 641 Life Span Learning & Outcomes for DD  
A study of the cognitive, social, motor, communication, and affective behavior and needs of children and youth with developmental disabilities, including transition needs and career and vocational programming.

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Credits: 3

SPED 642 Programming for ECSE: Birth to 6  
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: N/A
Credits: 3

SPED 643 Behavior Management & Teaching Strategies  
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
Credits: 3

SPED 644 Teaching & Achievement Strategies for Learning Disabilities  
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: N/A
Credits: 3

SPED 680 ASD: Practicum in Autism Spectrum Disorders  
A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the autism standards through a variety of early and ongoing clinical experiences in teaching children with autism spectrum disorders in birth through preschool and primary (K–4) settings across a range of service delivery methods. Students must be enrolled in or have successfully completed one of the following courses: SPED 485/585, SPED 686, SPED 687, or SPED 688

Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Credits: 2

SPED 681 DD Practicum in Special Ed: K-6  
A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected educational setting, grades kindergarten through grade 6.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Credits: 3

SPED 682 ECSE Practicum in Special Education: Birth - 3  
A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected educational setting, birth through age 3.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Credits: 3

SPED 683 EBD Practicum in Special Education:K-6  
A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected educational setting, grades K-6.

Permissions: Instructor's permission required  
Course Frequency: Fall: N/A Spring: N/A Summer: N/A
Credits: 3

SPED 684 LD Practicum in Special Education:K-6  
A supervised field experience and critical study combined to provide an opportunity to relate theory to
practice in a selected educational setting, grades Kindergarten through 6.

**Permissions:** Instructor's permission required  
**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: N/A 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: N/A

**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 690 Research Design**  
**Credits:** 3  
This course will assist the graduate student in designing his/her action research project. Student projects, completed in EDSP 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/her own practice, learning environments, and/or the professional standards identified by the Council for Exceptional Children (CEC). Participants will identify a research focus and design, ethical practices, and review related literature. The project proposal is committee reviewed and approved. The student selects a project chair/advisor.

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

**SPED 691 DD Practicum in Special Education: 7-12**  
**Credits:** 3  
A directed field experience intended as the capstone course for licensure in this specialty. Placement will vary in range of disability and age category from the previous practicum, grades 7-12.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**SPED 692 ECSE Practicum in Special Education: 3-6**  
**Credits:** 3  
A directed field experience intended as the capstone course for licensure in this specialty. Placement will vary in range of developmental delay and age category from the previous practicum, ages 3 through 6.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**SPED 693 EBD Practicum in Special Education: 7-12**  
**Credits:** 3  
A directed field experience intended as the capstone course for licensure in this specialty. Placement will vary in range of needed accommodations, strategies, and interventions, as well as age category from the previous practicum, grades 7-12.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**SPED 694 LD Practicum in Special Education: 7-12**  
**Credits:** 3  
A directed field experience intended as the capstone course for licensure in this specialty. Placement will vary in range of needed accommodations, strategies, and interventions, as well as age category from the previous practicum, grades 7-12.

**Permissions:** Instructor's permission required  
**Course Frequency:** Fall: N/A Spring: N/A Summer: N/A

**SPED 695 Autism Spectrum Disorders: Practicum in Autism Spectrum Disorders: 5-12**  
**Credits:** 2  
A supervised field experience and critical study combined to provide an opportunity to relate theory to practice and apply the autism standards through a variety of early and ongoing clinical experiences in teaching children and youth with autism spectrum disorders in grades 5-12 (including transition programs) settings across a range of service delivery models. Students must be enrolled in or have successfully completed one of the following courses: SPED 485/585, SPED 686, SPED 687, or SPED 688

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

**SPED 699 Graduate Research Project**  
**Credits:** 3  
Students in this seminar course will review and practice research strategies and techniques, including critical analysis. Students will build on the focused research collected during their graduate program. Students will
put into action and complete the project which was developed in the research design course (EDSP 690.)
The project is committee reviewed and directly supervised by the project chair/advisor. The presentation
portfolio and research project results are disseminated in a graduate seminar. This course is required for a
minimum of 3 credits, but can be expanded to a total of not more than 6 credits as warranted by the scope of
the project and the approval of the advisor/committee.

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