ACADEMIC PROGRAMS

ACCOUNTING

Office: Charter Hall 101, 537-6114
Faculty: Glenn Bayerkohler, David Patterson, William Thomas
Department: Business and Public Affairs

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 128 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.

ACCOUNTING

Bachelor of Science: Accounting (57 credits)

I. Related Requirements (30 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
</tr>
<tr>
<td>FIN 230</td>
<td>Business Statistics I</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
</tr>
<tr>
<td>BADM 305</td>
<td>Business Law I</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>POL 200</td>
<td>International Politics</td>
</tr>
<tr>
<td>POL 340</td>
<td>Public Policy and Administration</td>
</tr>
<tr>
<td>POL 356</td>
<td>The Politics of the Global Economy</td>
</tr>
<tr>
<td>ECON 470</td>
<td>International Business/Economics</td>
</tr>
<tr>
<td>MGMT 331</td>
<td>Business Communications</td>
</tr>
<tr>
<td>ENG 360</td>
<td>Scientific &amp; Technical Writing</td>
</tr>
<tr>
<td>SPCH 200</td>
<td>Small Group Communication</td>
</tr>
<tr>
<td>SPCH 303</td>
<td>Advanced Public Speaking</td>
</tr>
<tr>
<td>SPCH 310</td>
<td>Persuasion</td>
</tr>
<tr>
<td>SPCH 300+</td>
<td>Any upper-division speech course</td>
</tr>
<tr>
<td>B. One of the following:</td>
<td></td>
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<tr>
<td>MGMT 331</td>
<td>Business Communications</td>
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<td>ENG 360</td>
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<td>SPCH 300+</td>
<td>Any upper-division speech course</td>
</tr>
<tr>
<td>C. One of the following:</td>
<td></td>
</tr>
<tr>
<td>BADM 360</td>
<td>Insurance &amp; Risk Management</td>
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<tr>
<td>FIN 457</td>
<td>Corporate Finance I</td>
</tr>
<tr>
<td>FIN 375</td>
<td>Investments</td>
</tr>
<tr>
<td>MGMT 330</td>
<td>Organizational Behavior &amp; Theory</td>
</tr>
<tr>
<td>BADM 355</td>
<td>Business Law II</td>
</tr>
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</table>

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
MGMT 350  Human Resource Management .................................................................3
MGMT 455  Labor Relations .........................................................................................3
BADM 365  Real Estate .................................................................................................3
MGMT 492  Business Policy .........................................................................................3
ECON 328  Money and Banking ..................................................................................3
MKTG 301  Principles of Marketing .............................................................................3

II. Major Courses (27 credits)
ACCT 311  Intermediate Accounting I .............................................................................................. 3
ACCT 312  Intermediate Accounting II ............................................................................................. 3
ACCT 340  Cost Accounting I ...................................................................................................... 3
ACCT 350  Federal Tax I ........................................................................................................... 3
ACCT 360  Accounting Information Systems ...................................................................................3
ACCT 401  Advanced Accounting..................................................................................................3
ACCT 421  Auditing I ............................................................................................................. 3
ACCT 445  Senior Capstone .......................................................................................................3

One course from the following accounting electives: .................................................................3
ACCT 330  Accounting for Governmental and Not-For-Profit Entities .....................3
ACCT 341  Cost Accounting II .....................................................................................3
ACCT 370  Microcomputers in Accounting .................................................................3
ACCT 422  Auditing II ........................................................................................................ 3
ACCT 440  Accounting Theory and Problems ..............................................................3
ACCT 451  Federal Tax II .................................................................................................3

Total Credits: 57

150 Semester Hours Accounting Emphasis
a. Bachelor of Science degree with an Accounting Major..............................................128
b. An additional nine (9) credits of Accounting electives selected
   from the above listed major courses
   — ACCT 499 Internship in Accounting may count for up to 6 credits of the 9 .........................9
c. One additional course from Group A or B (Listed under B.S. Accounting requirements) ..........3
d. An additional 6 credits selected from Group C (Listed under B.S. Accounting requirements) ......6
e. 4 credits of open electives (additional internship credits do not count) ..............................4

Total Credits: 150

Transfer Policy
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.

GPA Requirements
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.

Minor: Accounting (24 credits)
ACCT 211  Principles of Accounting I .................................................................3
ACCT 212  Principles of Accounting II ..............................................................................3
ACCT 311  Intermediate Accounting I ..............................................................................3
ACCT 312  Intermediate Accounting II ..............................................................................3
ACCT 340  Cost Accounting I .............................................................................................3
ACCT 350  Federal Tax I .................................................................................................3
III. Liberal Arts Curriculum (LAC):

I. Accounting Core:

Associate in Science: Accounting (64 credits)

I. Accounting Core:

<table>
<thead>
<tr>
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<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>ACCT 311</td>
<td>Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 312</td>
<td>Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 340</td>
<td>Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 350</td>
<td>Federal Tax I</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Required Courses in Related Fields:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKIT 301</td>
<td>Rhetoric: The Essay</td>
<td>3</td>
</tr>
<tr>
<td>MKIT 310</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>MKIT 303</td>
<td>Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>MKIT 310</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>MKIT 300+</td>
<td>Any upper-division Speech course (300 or 400 level)</td>
<td>3</td>
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</table>

Choose one of the following:

- ECON 201 Principles of Microeconomics
- ECON 202 Principles of Macroeconomics

Group A.

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

Group B.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACCT 341</td>
<td>Cost Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 342</td>
<td>Cost Accounting II</td>
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<tr>
<td>ACCT 351</td>
<td>Federal Tax II</td>
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Group C.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECON 330</td>
<td>Accounting for Governmental and Not-for-Profit Entities</td>
<td>3</td>
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<tr>
<td>ECON 340</td>
<td>Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 350</td>
<td>Federal Tax II</td>
<td>3</td>
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</tbody>
</table>

Total Credits: 24
ACCOUNTING COURSES (ACCT)

ACCT 100 Accounting for Non-Business Majors (3 credits)
Introduction to the field of accounting, uses of accounting information, and fundamentals of statement analysis for non-Business majors.

ACCT 211 Principles of Accounting I (3 credits)
Introduction to reporting financial information regarding the operating, investing, and financing activities of business enterprises to present and 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. Prerequisite: MATH 110 or higher numbered MATH course, or consent of instructor.

ACCT 212 Principles of Accounting II (3 credits)
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. Prerequisite: “C–” or better in ACCT 211.

ACCT 300 Hospitality Accounting (3 credits)
Financial management of hospitality accounting focusing on its special reports, planning, control, and budgeting. Prerequisite: “C–” or better in ACCT 212.

ACCT 311 Intermediate Accounting I (3 credits)
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. Prerequisites: ECON 201 or 202; and “C–” or better in ACCT 212.

ACCT 312 Intermediate Accounting II (3 credits)
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 cash flows. Prerequisites: ECON 201 and 202 or consent of instructor; and “C–” or better in ACCT 311.
ACCT 330 Accounting for Governmental and Not-For-Profit Entities (3 credits)
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. Prerequisite: ACCT 212.

ACCT 340 Cost Accounting I (3 credits)
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, backflush accounting, factory overhead analysis, and activity-based costing. Prerequisites: ECON 201 or 202; and credit in ACCT 212 or consent of instructor.

ACCT 341 Cost Accounting II (3 credits)
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. Prerequisites: MGMT 300; and “C–” or better in ACCT 340.

ACCT 350 Federal Income Tax I (3 credits)
Theory and principles involved in computation of federal income taxes for individuals are covered in this course. Prerequisite: credit in ACCT 212 or consent of instructor.

ACCT 360 Accounting Information Systems (3 credits)
Principles and problems of accounting information and communications systems with emphasis on how computers are incorporated into business systems. Laboratory experience on advanced spreadsheets, general ledger, payroll, or other currently available software. Prerequisite: credit in ACCT 212.

ACCT 370 Microcomputers in Accounting (3 credits)
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. Prerequisite: ACCT 360.

ACCT 385 Pre-Employment Seminar (1 credit)
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. Prerequisite: junior status.

ACCT 401 Advanced Accounting (3 credits)
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. Prerequisite: ACCT 312 or consent of instructor.

ACCT 421 Auditing I (3 credits)
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. Prerequisites: ACCT 312 and ACCT 340.

ACCT 422 Auditing II (3 credits)
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. Prerequisite: ACCT 421.

ACCT 440 Accounting Theory and Problems (3 credits)
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. Prerequisite: ACCT 312.

ACCT 445 (M) Senior Capstone (3 credits)
An integrated learning experience in the senior year including applications, research, and presentations. Prerequisites: ACCT 312, 340, 350, and 421; senior status.

ACCT 451 Federal Tax II (3 credits)
This course involves the study of the taxation of partnerships, corporations, trusts, estates, and property transactions. Prerequisite: “C–” or better in ACCT 350.

ACCT 486 Special Topics in Accounting (1-3 credits)

ACCT 494 Independent Study in Accounting (1-3 credits)
Prerequisite: consent of instructor.

ACCT 499 Internship in Accounting (3, 6 or 9 credits)
This course involves on-the-job experience in the accounting field. Prerequisite: ACCT 385, GPA of 2.25 or higher in all ACCT courses, and consent of Internship Coordinator.

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Effective 07/01/08
### AGRIBUSINESS MANAGEMENT

**Office:** Science & Math Building 160, 537-6223  
**Faculty:** Mark Goodenow, Raphael Onyeaghala, Stephen Davis, Sangnyeol Jung  
**Department:** Business and Public Affairs

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.

### Bachelor of Science: Agribusiness Management (59 Credits)

#### I. Pre-Agrribusiness management courses (20–22 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 102</td>
<td>Rhetoric: The Essay</td>
<td>3</td>
</tr>
<tr>
<td>ENG 103</td>
<td>Rhetoric: Critical Writing</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 110</td>
<td>Essentials of Speaking and Listening</td>
<td>3</td>
</tr>
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</table>

**Complete one course from each of the following groups (A-C):**

**Group A:** (4 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 100</td>
<td>Biology in the Modern World (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 200</td>
<td>Cell Biology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
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</table>

**Group B:** (4 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 110</td>
<td>Our Chemical World (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>Chemistry in Our Daily Lives (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 121</td>
<td>Basic Chemistry (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 231</td>
<td>General Chemistry I (Lecture/Lab:3/1)</td>
<td>4</td>
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**Group C:** (3-5 credits)

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</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>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
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**Total Credits:** 20-22

#### II. Agribusiness Management Core (25 credits)

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AGBU 210</td>
<td>Introduction to Cooperatives</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 360</td>
<td>Agricultural Finance</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 (CAPSTONE)</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>
</tr>
<tr>
<td>BIOL 302</td>
<td>Botany (Lecture only)</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Environmental Science (Lecture only)</td>
<td>3</td>
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**Effective 07/01/08 Update 01/01/09**

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### III. Business Core (18 credits)

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<thead>
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<tbody>
<tr>
<td>ACCT 211</td>
<td>Accounting Principles I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Accounting Principles II</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 331</td>
<td>Business Communications</td>
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<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>ECON 202</td>
<td>Principles of Macroeconomics</td>
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### IV. Agribusiness Management Concentrations (15 credits)

Select one of the following three concentrations:

#### A. Farm Management

<table>
<thead>
<tr>
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<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>AGBU 365</td>
<td>Farm and Ranch Management I</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 400</td>
<td>International Agricultural Development</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
</tbody>
</table>

Any two of the following five courses:

- AGBU 366 Farm and Ranch Management II       3
- AGBU 330 Commodity Futures and Options Trading  3
- AGBU 350 Agricultural Law and Environment    3
- AGBU 499 Internship                          3
- ECON 470 International Business and Economics  3

#### B. Agricultural Finance

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 400</td>
<td>International Agricultural Development</td>
<td>3</td>
</tr>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>ECON 328</td>
<td>Money and Banking</td>
<td>3</td>
</tr>
</tbody>
</table>

Any two of the following six courses:

- AGBU 330 Commodity Futures and Options Markets  3
- AGBU 350 Agricultural Law and Environment       3
- AGBU 365 Farm and Ranch Management I             3
- AGBU 499 Internship                             3
- MGMT 300 Management Principles                  3
- ECON 470 International Business and Economics   3

#### C. Agricultural Marketing and Procurement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 330</td>
<td>Commodity Futures and Options Markets</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 365</td>
<td>Farm and Ranch Management I</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 400</td>
<td>International Agricultural Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Any two of the following six courses:

- AGBU 350 Agricultural Law and Environment       3
- AGBU 499 Internship                             3
- ECON 470 International Business and Economics   3
- MKTG 301 Principles of Marketing                3
- MKTG 331 Professional Selling                   3
- MKTG 470 International Marketing                3

Total Credits: 59

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**Elective Agribusiness Courses:**

- AGBU 486 Special Topics (1-4 credits)
- AGBU 494 Independent Study (1-4 credits)

**Recommended Liberal Arts Core Courses for Agribusiness Majors and Minors:**

- ANTH 116 Cultural Anthropology
- POL 117 Introduction to Government and Politics
- RURL 101 Introduction to Geography
- RURL 121 Introduction to Geographic Information Systems

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Effective 07/01/08 Update 01/01/09

*Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.*
Associate of Science: Agribusiness Management (65 Credits)

I. Pre-Agribusiness Management (20–22 credits)
- ENG 102 Rhetoric: The Essay ................................................................. 3
- ENG 103 Rhetoric: Critical Writing ......................................................... 3
- SPCH 110 Fundamentals of Public Speaking ......................................... 3

Complete one course from each of the following groups (A-C)

Group A: (4 credits)
- BIOL 100 Biology in the Modern World (Lecture/Lab:3/1) .................. 4
- BIOL 200 Cell Biology (Lecture/Lab:3/1) .............................................. 4

Group B: (4 credits)
- CHEM 110 Our Chemical World (Lecture/Lab:3/1) ......................... 4
- CHEM 111 Chemistry in Our Daily Lives (Lecture/Lab:3/1) ............ 4
- CHEM 121 Basic Chemistry (Lecture/Lab:3/1) ................................. 4
- CHEM 131 General Chemistry I (Lecture/Lab:3/1) ......................... 4

Group C: (3-5 credits)
- MATH 115 Finite Mathematics ............................................................ 3
- MATH 140 Calculus: A Short Course .................................................. 3
- MATH 150 Calculus I ........................................................................... 5

Total Credits: 20-22

II. Agribusiness Management Core (12 credits)
- AGBU 210 Introduction to Cooperatives ............................................. 3
- AGBU 440 Agricultural Marketing ...................................................... 3
- BADM 280 Computer Concepts and Applications .......................... 3
- BIOL 302 Botany (Lecture only) ....................................................... 3

III. Business Core (12 credits)
- ACCT 211 Accounting Principles I ................................................... 3
- ACCT 212 Accounting Principles II .................................................. 3
- ECON 201 Principles of Microeconomics ......................................... 3
- ECON 202 Principles of Macroeconomics ........................................ 3

IV. Agribusiness Management Concentration (12 credits)

Required Courses:
- AGBU 360 Agricultural Finance ....................................................... 3
- AGBU 365 Farm and Ranch Management I ....................................... 3

Choose two of the following six courses: (6 credits) ......................... 6
- AGBU 330 Commodity Futures and Options Trading .................... 3
- AGBU 350 Agricultural Law and Environment ................................ 3
- AGBU 366 Farm and Ranch Management II .................................... 3
- AGBU 499 Internship ....................................................................... 3
- MKTG 301 Principles of Marketing .................................................. 3

Total Credits: 65
V. Liberal Arts Core (LAC) and MN Transfer Curriculum Courses (MTC) for the A.S. Degree in Agribusiness Management (Minimum of 9 additional Semester Credits)

<table>
<thead>
<tr>
<th>Credit Earned in LAC/MTC</th>
<th>Additional Credit Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Skills (Minimum of 9 Credits)</td>
<td>9</td>
</tr>
<tr>
<td>Mathematics (Minimum of 3 Credits)</td>
<td>3</td>
</tr>
<tr>
<td>History &amp; Social Science (Minimum of 9 credits in total, including at least 3 credits in History, and at least 3 credits from two different Social Science disciplines)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts (Minimum of 6 credits in total, with at least 3 credits from two different disciplines)</td>
<td>0</td>
</tr>
<tr>
<td>Science (Minimum of 4 credits, Note: Science Courses must include a laboratory component)</td>
<td>8</td>
</tr>
<tr>
<td>Critical Thinking (Minimum of 3 credits)</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits in LAC and MTC Elective Courses</td>
<td>26</td>
</tr>
</tbody>
</table>

Summary of Requirements for the A.S. Degree in Agribusiness Management

Pre-Agribusiness Management Courses: 20 – 22 credits [20 credits count towards LAC/MTC] ...........20
Agribusiness Management Core Courses: 13 credits .................................................................13
Business Core Courses: 12 credits [6 credits count towards LAC/MTC] ........................................12
Agribusiness Management Concentration: 12 credits ..............................................................12
Additional LAC/MTC Courses: 9 credits [9 credits count towards LAC/MTC] ..................................9
Total of A.S. Degree Credits: 65 credits [35 credits count towards LAC/MTC] ...............................65

Minor: Agribusiness Management (18-19 credits)

AGBU 330 Commodity Futures and Options Markets .................................................................3
AGBU 440 Agricultural Marketing ............................................................................................3
FIN 230 Business Statistics I ................................................................................................3
ECON 201 Principles of Microeconomics .................................................................................3
Additional 6-7 credits from any Agribusiness Management courses .......................................6-7
Total Credits: 18-19

AGRBUSINESS MANAGEMENT COURSES (AGBU)

AGBU 190 (LAC, E) The Environment and Economics (3 credits)
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.

AGBU 210 (C, R) Introduction to Cooperatives (3 credits)
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.
AGBU 330 Commodity Futures and Options Trading (3 credits)
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. Prerequisite: ECON 201 or consent of instructor.

AGBU 350 Agricultural and Environmental Law (3 credits)
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.

AGBU 360 Agricultural Finance (3 credits)
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. Prerequisite: ACCT 211.

AGBU 365 Farm and Ranch Management I (3 credits)
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. Prerequisites: ACCT 211, ACCT 212, and MGMT 221.

AGBU 366 Farm and Ranch Management II (3 credits)
Computer farm management aids, risk analysis, FIN PACK, farm business organization selection, income tax management, disinvestment, and estate planning. Prerequisites: AGBU 365 and BADM 230 or consent of instructor.

AGBU 400 International Agricultural Development (3 credits)
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. Prerequisites: ECON 201 and ECON 202.

AGBU 410 Cooperative and Agribusiness Management (3 credits)
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. Prerequisite: AGBU 210.

AGBU 420 International Agribusiness Management (3 credits)
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. Prerequisite: ECON 201.

AGBU 440 Agricultural Marketing (3 credits)
Analysis of farm prices and the effect of demand, supply and institutional forces on farm income and farm income policy. Prerequisites: FIN 230 and MGMT 221.

AGBU 475 Agricultural and Food Policy (3 credits)
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. Prerequisite: ECON 201.

AGBU 486 Special Topics (1-4 credits)

AGBU 494 Independent Study (1-4 credits)
Prerequisite: consent of instructor.

AGBU 499 Agribusiness Management Internship (3, 6, 9, or 12 credits)
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. Prerequisites: Prior approval for an internship as determined by an Agribusiness Management advisor; minimum of one semester in residence after internship; and 2.25 GPA.

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AGRONOMY

Office: Science and Math Building 178, 537-6141
Faculty: Dr. Grace Armah-Agyeman
Department: Science

The SMSU Agronomy Program prepares students for careers in many crop production and natural resource conservation roles. SMSU Agronomy graduates would seek employment in a wide variety of areas such as: 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.

Bachelor of Science: Agronomy (67-71 credits)

Degree Requirements:
In order to complete the degree, the students must complete at least 67 credits in the major, meet the SMSU Liberal Arts Core (LAC) requirements, and earn a total of 128 credits overall for an SMSU Bachelor of Science Degree. Many of the “Pre-Agronomy Requirements” also apply toward the completion of the liberal arts education requirements.

I. Pre-Agronomy Requirements (27 credits)

Communications (9 credits)
ENG 102 Rhetoric: The Essay ..........................................................3
ENG 103 Rhetoric: Critical Writing ................................................3
SPCH 110 Essentials of Speaking and Listening .........................3

Quantitative (6 credits)
MATH 115 Finite Mathematics .......................................................3
MATH 140 Calculus: A Short Course ............................................3
AGRO 302 Agricultural Statistics ................................................3

Physical and Biological Sciences (12 Credits)
ENVS 180 Environmental Science ...............................................4
BIOL 200 Cell Biology ..................................................................4
CHEM 121 Basic Chemistry .........................................................4

II. Core Requirements (52 credits)

AGBU 210 Introduction to Cooperatives ........................................3
AGRO 222 Crops, Environment, and Society ..............................4
AGRO 225 Basic Animal Science ................................................3
ENVS 251 Basic Soil Science .......................................................4
AGBU 365 Farm and Ranch Management I ..................................3
AGRO 313 Entomology ...............................................................3
AGRO 321 Growth and Development of Field Crops ..................4
AGRO 322 Harvest, Storage, and Utilization of Field Crops ........3
AGRO 341 Management and Control of Field Crop Diseases .......3
ENVS 352 Plant Nutrients in the Environment ............................3
AGBU 440 Agricultural Marketing ..............................................3
AGBU 475 Agricultural and Food Policy ......................................3
AGRO 410 Field Crop Scouting and Problem Diagnosis .............2
AGRO 422 Weed Management ..................................................4
AGRO 440 Plant Genetics and Breeding ......................................4
ECON 201 Principles of Microeconomics ...................................3
III. Electives (15 – 19 credits)

Choose Five (5) courses from the following:

AGBU 330 Commodities Futures and Options Trade ..................................................3
AGBU 360 Agricultural Finance ......................................................................................3
AGRO 224 Environment and World Food Production ..................................................3
ENVS 353 Soil Conservation and Land Use Management ...............................................3
AGRO 377 Animal Nutrition and Reproduction ..........................................................3
AGRO 390 Introduction to Precision Agriculture ...........................................................3
ENVS 426 Soil Morphology and Genesis ......................................................................4
AGRO 465 Crop Management Techniques ....................................................................4
ENVS 302 Geomorphology ............................................................................................3
ENVS 310 Hydrology .....................................................................................................4
ENVS 311 Environmental Geology ................................................................................4
ENVS 401 Wetland Ecology ...........................................................................................4
ECON 410 Managerial Economics ...............................................................................3
MKTG 325 Sales ............................................................................................................3

Total Credits: 67-71

AGRONOMY COURSES (AGRO)

Contact the Science Department for the most current listing of agronomy courses.
ANTHROPOLOGY

Office: Social Science 103, 537-6224
Department: Social Science

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.

Minor: Anthropology (18 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 116</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 418</td>
<td>Culture Change</td>
<td>3</td>
</tr>
<tr>
<td>Anthropology electives*</td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

* 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

ANTHROPOLOGY COURSES (ANTH)

ANTH 101 (LAC, G) General Anthropology (3 credits)
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.

ANTH 116 (LAC, G) Cultural Anthropology (3 credits)
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.

ANTH 117 World Prehistory (3 credits)
The origin and development of culture from the Stone Age to the dawn of civilization in both the New and Old World; methods and theory employed in the study of prehistory.

ANTH 120 (LAC) Introduction to Ethnicity (3 credits)
An introduction to issues of race, identity, and diversity through readings about people in the United States as well as other countries. Ethnic identity will be explored through its relationship to other social dimensions such as nationality, gender, and social class.

ANTH 215 Peoples and Cultures of Africa (3 credits)
This course surveys some of the diverse cultures of Africa. Topics include theories of African culture and society, agrarian change, commerce, kinship and marriage systems, the African Diaspora, and the effects of Christianity and other religious movements. Primary emphasis will be on the African continent, although students will have the opportunity to research transnational African communities.

ANTH 216 Indians of North America (3 credits)
The native cultures of North America; the effects of culture contact; contemporary problems of Indian reservations and communities.

ANTH 217 Indians of Minnesota (3 credits)
The pre-history, ethnohistory and major cultural characteristics of the dominant peoples of the state, including the study of the migration of people, the acculturative influence of the advancing non-Indian frontier and the situation and problems of the contemporary Indian population. Prerequisite: ANTH 216 or consent of instructor.
ANTH 218 Peoples and Cultures of Southeast Asia (3 credits)
Social and cultural aspects of contemporary Southeast Asia are studied in environmental and historical context.

ANTH 286 Special Topics (1-4 credits)
Designed to provide lower-division students an opportunity to experience a special or experimental curriculum enrichment course.

ANTH 301 Cultural Geography (3 credits)
The study of human relationships with the earth’s environment. Topics during the semester include the study of subsistence, land use, settlement patterns and population pressures on natural resources; review of ecosystems and human adaptation to environment. The course will also pay special attention to the areal distribution of culture types and regional cultural traits.

ANTH 315 Culture through Film (3 credits)
This course surveys various cultures through examination of classic and contemporary ethnographic film essay, video studies, and a review of photography as a field method in the study and analysis of visual communication.

ANTH 316 (D, G) Gender and Culture (3 credits)
This course exposes students to information about women and men from a variety of societies from Africa, Europe, and elsewhere. The course is based on the notion that what it means to be female or male varies tremendously across cultures.

ANTH 318 Anthropology of Education (3 credits)
This course provides an exploration of education as a form of cultural transmission, cultural exchange, and cultural conflict. The course explores methods of education in the United States as well as selected countries throughout the world. Prerequisite: ANTH 116 or ANTH 101, or consent of instructor.

ANTH 416 Anthropology of Religion (3 credits)
Religion and magic in culture, primarily in non-western societies, treating concepts of supernatural power and beings, religious specialists and the functions of ritual and belief under conditions of culture stability and culture change. Prerequisite: ANTH 116 or consent of instructor.

ANTH 418 Culture Change (3 credits)
Innovation and acculturation in culture change, theories of culture change and the methods, problems and ethics of applied anthropology. Prerequisite: ANTH 116 or consent of instructor.

ANTH 445 Class and Class Conflict (3 credits)
Class stratification in preindustrial, industrial, and post-industrial societies, institutionalized inequality, sources of strain and conflict, automation and the prospects for the industrial population. Prerequisite: SOCI 101 or consent of instructor.

ANTH 450 Individual Study (1-3 credits)
Limited to 6 hours, not more than 3 hours in a given subject area. Prerequisite: consent of instructor.

ANTH 485 Field Experience; Internship (3-12 credits)
Systematic field study in conjunction with formal academic work. Prerequisite: consent of instructor.

ANTH 486 Special Topics (1-4 credits)
Designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.
ART

Office: Fine Arts 207, 537-7234
Faculty: Pat Brace, Bob Dorlac, Alma Hale, John Sterner, Jim Swartz
Adjunct Faculty: Pat Hand, Don Sherman, Michon Weeks

Department: Art, Music, Speech Communication and Theatre

The Art Program has several goals: (1) to enrich the educational experience of all students by providing them the opportunity to view, discuss and produce works of art; (2) provide quality baccalaureate degrees in art and art education; and (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 (102 and 103 supercede 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 prior to registration. All students will be required to invest additional hours of work (over and above listed studio/graphic design class hours).

Bachelor of Arts: Art (53 credits)

Foundation Requirements:

**Studio Core: (15 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 102</td>
<td>Foundations of Art and Design 2-D</td>
<td>3</td>
</tr>
<tr>
<td>ART 103</td>
<td>Foundations of Art and Design 3-D</td>
<td>3</td>
</tr>
<tr>
<td>ART 320</td>
<td>Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 321</td>
<td>Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 330</td>
<td>Sculpture</td>
<td>3</td>
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**Art History: (6 credits)**

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<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>
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**Interdisciplinary: (3 credits)**

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHIL 201</td>
<td>Aesthetics</td>
<td>3</td>
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**Review Courses: (1 credit)**

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<tr>
<td>ART 260</td>
<td>Sophomore Review</td>
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<tr>
<td>ART 360</td>
<td>Junior Review</td>
<td>1</td>
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**Emphasis Courses: (Choose Option I or Option II)**

**Option I: Studio Arts (28 credits)**

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<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ART XXX</td>
<td>Art History Elective (Choose two courses)</td>
<td>6</td>
</tr>
<tr>
<td>ART XXX</td>
<td>Studio Electives (Choose courses)</td>
<td>18</td>
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</tbody>
</table>

**Capstone Experience: (4 credits)**

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<tr>
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<tbody>
<tr>
<td>ART XXX</td>
<td>Final registration in studio course</td>
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<tr>
<td>ART 460</td>
<td>Graduation Exhibition</td>
<td>1</td>
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</table>

**Option II: Graphic Design (28 credits)**

<table>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 240</td>
<td>Concepts of Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 341</td>
<td>Typography Survey</td>
<td>3</td>
</tr>
<tr>
<td>ART 343</td>
<td>Digital Art Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 348</td>
<td>Graphic Design Studio</td>
<td>6</td>
</tr>
<tr>
<td>ART 351</td>
<td>History of Graphic Design</td>
<td>3</td>
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<tr>
<td>ART 499</td>
<td>Design Internship</td>
<td>3</td>
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<tr>
<td>BADM 101</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
</tbody>
</table>

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors therein.
**Bachelor of Science: Art Education (53 credits)**

**Foundation Requirements: (26 credits)**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ART 102</td>
<td>Foundations of Art and Design 2-D</td>
<td>3</td>
</tr>
<tr>
<td>ART 103</td>
<td>Foundations of Art and Design 3-D</td>
<td>3</td>
</tr>
<tr>
<td>ART 292</td>
<td>Honors Credit in Art</td>
<td>1-2</td>
</tr>
<tr>
<td>ART 320</td>
<td>Drawing</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 321</td>
<td>Painting</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 322</td>
<td>Printmaking</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 323</td>
<td>Basic Black and White Art Photography</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 324</td>
<td>Advanced Traditional Art Photography</td>
<td>3-6</td>
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<tr>
<td>ART 325</td>
<td>Fibers</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 330</td>
<td>Sculpture</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 331</td>
<td>Ceramics</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 332</td>
<td>Jewelry/Metalsmithing</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 341</td>
<td>Typography Survey</td>
<td>3</td>
</tr>
<tr>
<td>ART 343</td>
<td>Digital Art Photography</td>
<td>3-6</td>
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<tr>
<td>ART 344</td>
<td>Illustration</td>
<td>3-6</td>
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<tr>
<td>ART 348</td>
<td>Graphic Design Studio</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 386</td>
<td>Topics in Art (Studio or Graphic Design Focus)</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 394</td>
<td>Directed Studies</td>
<td>1-6</td>
</tr>
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</table>

**Studio Core: (15 credits)**

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**Art History: (6 credits)**

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<tbody>
<tr>
<td>ART 150</td>
<td>Art History I</td>
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</table>

**Interdisciplinary (Board of Teaching Requirement): (3 credits)**

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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 201</td>
<td>Aesthetics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Review Courses: (1 credit)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 260</td>
<td>Sophomore Review</td>
<td>0</td>
</tr>
<tr>
<td>ART 360</td>
<td>Junior Review</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Credits: 53**

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**Available Electives:***

**Art History Electives:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 063</td>
<td>Art Galleries of Minnesota</td>
<td>1</td>
</tr>
<tr>
<td>ART 208</td>
<td>Artists Course</td>
<td>3</td>
</tr>
<tr>
<td>ART 209</td>
<td>Artists Short Course</td>
<td>3</td>
</tr>
<tr>
<td>ART 250</td>
<td>Ancient Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 251</td>
<td>Medieval Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 253</td>
<td>American Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 286</td>
<td>Topics in Art (History Focus)</td>
<td>3</td>
</tr>
<tr>
<td>ART 292</td>
<td>Honors Credit in Art</td>
<td>1-2</td>
</tr>
<tr>
<td>ART 350</td>
<td>Contemporary Art History</td>
<td>3</td>
</tr>
<tr>
<td>ART 351</td>
<td>History of Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 386</td>
<td>Topics in Art (History Focus)</td>
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**Studio Electives:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 240</td>
<td>Concepts of Graphic Design</td>
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<tr>
<td>ART 286</td>
<td>Topics in Art (Studio or Graphic Design Focus)</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 292</td>
<td>Honors Credit in Art</td>
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</tr>
<tr>
<td>ART 320</td>
<td>Drawing</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 321</td>
<td>Painting</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 322</td>
<td>Printmaking</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 323</td>
<td>Basic Black and White Art Photography</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 324</td>
<td>Advanced Traditional Art Photography</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 325</td>
<td>Fibers</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 330</td>
<td>Sculpture</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 331</td>
<td>Ceramics</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 332</td>
<td>Jewelry/Metalsmithing</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 341</td>
<td>Typography Survey</td>
<td>3</td>
</tr>
<tr>
<td>ART 343</td>
<td>Digital Art Photography</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 344</td>
<td>Illustration</td>
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<tr>
<td>ART 348</td>
<td>Graphic Design Studio</td>
<td>3-6</td>
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<tr>
<td>ART 386</td>
<td>Topics in Art (Studio or Graphic Design Focus)</td>
<td>3-6</td>
</tr>
<tr>
<td>ART 394</td>
<td>Directed Studies</td>
<td>1-6</td>
</tr>
</tbody>
</table>

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Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
Capstone Experience: (4 credits)
ART XXX Final registration in major emphasis area studio course
(Concurrent with ART 460 and/or 461) ......................................................... 3
ART 460 Graduation Exhibition ................................................................. 1
OR ........................................................................................................... 1
ART 461 Graphic Design Graduation Project .................................... 1

Art Education Required Courses (Board of Teaching Requirement): (9 credits)
ART 270 Art Education/Elementary .................................................... 3
ART 370 Art Education/Secondary ......................................................... 3

Studio Courses Required for Major: (9 credits)
(Choose a minimum of three credits in one course from each category)
A. Graphic Arts: (3 credits)
ART 322 Printmaking ............................................................................. 3
ART 323 Basic Black and White Art Photography .................................. 3
ART 324 Advanced Traditional Art Photography .................................. 3
B. Fiber Arts: (3 credits)
ART 325 Fibers .................................................................................... 3
C. Computer Graphics: (3 credits)
ART 340 Concepts of Graphic Design ................................................... 3
ART 343 Digital Art Photography .......................................................... 3

Additional Studio Courses /Emphases: (9 credits)
Students must do both a 2-D and a 3-D area. The student chooses which of the two emphasis areas will be Area I
and which will be Area II for them. These requirements are in addition to the Art Core courses. Students may have
Graphic Design as their major emphasis area.
Emphasis Area I: ....................................................................................... At least 6 credits
Emphasis Area II: ...................................................................................... At least 3 credits

Two-Dimensional (2-D) Arts:
Select courses from the following: (Art Studio and Graphic Design Studio courses may be
repeated for additional credit to develop competency.)
ART 240 Concepts of Graphic Design ................................................... 3
ART 286 Topics in Art (Studio or Graphic Design Focus) ...................... 3-6
ART 320 Drawing .................................................................................... 3-6
ART 321 Painting ..................................................................................... 3-6
ART 322 Printmaking ............................................................................. 3-6
ART 323 Basic Black and White Art Photography .................................. 3-6
ART 324 Advanced Traditional Art Photography .................................. 3-6
ART 325 Fibers .................................................................................... 3-6
ART 341 Typography Survey ................................................................. 3
ART 343 Digital Art Photography .......................................................... 3-6
ART 344 Illustration ............................................................................... 3-6
ART 348 Graphic Design Studio ............................................................ 3-6
ART 386 Topics in Art (Studio or Graphic Design Focus) ...................... 3-6
ART 394 Directed Studies ...................................................................... 1-6

Three-Dimensional (3-D) Arts:
Select courses from the following:
(Studio courses may be repeated for additional credit to develop competency.)
ART 286 Topics in Art (Studio Focus) ................................................... 3-6
ART 330 Sculpture .................................................................................. 3-6
ART 331 Pottery/Ceramics ................................................................. 3-6
ART 332 Jewelry/Metalsmithing ............................................................... 3-6
ART 386 Topics in Art (Studio Focus) ................................................... 3-6
ART 394 Directed Studies ...................................................................... 3-6

Total Credits: 27
ART COURSES (ART)

ART 063 Art Galleries of Minnesota (1 credit)
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.

ART 100 (LAC, T) Introduction to Art (3 credits)
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.

ART 102 (LAC, T) Foundations of Art and Design 2D (3 credits)
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.

ART 103 (LAC, T) Foundations of Art and Design 3D (3 credits)
An introduction to three-dimensional design. The 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 discussions and formal critiques.

Minor: Studio Arts (27 credits)

Studio Core: (15 credits)
- ART 102 Foundations of Art and Design 2-D (3)
- ART 103 Foundations of Art and Design 3-D (3)
- ART 320 Drawing (3)
- ART 321 Painting (3)
- ART 330 Sculpture (3)

Art History: (6 credits)
- ART 150 Art History I (3)
- ART 151 Art History II (3)

Elective Studio Courses: (6 credits)
- ART XXX Studio Electives (Choose from Studio electives listed under Bachelor of Arts: Art) (6)

Total Credits: 27

Minor: Graphic Design (27 credits)

Studio Courses from the Art Core: (9 credits)
- ART 102 Foundations of Art and Design 2-D (3)
- ART 103 Foundations of Art and Design 3-D (3)
- ART 320 Drawing (3)

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

Graphic Design Courses: (15 credits)
- ART 240 Concepts of Graphic Design (3)
- ART 341 Typography Survey (3)
- ART 343 Digital Art Photography (3)
- ART 348 Graphic Design Studio (minimum 2 registrations) (6)

Total Credits: 27

Note: In addition to completion of this degree program, teaching licensure requires the completion of Secondary Education courses. (Please see the Education section for current requirements.)
ART 140 Digital Imaging (3 credits)
An introduction to two basic software tools of digital imaging and graphic design: computer illustration, and image processing. Students will learn the basic operation and uses of digital imaging software. Students will understand the differences and practical uses of vector versus bitmap images and the application of resolution to various output needs, (i.e. publication, web application and home computing.) Scanning, photo manipulation and retouching, digital cameras, and simplified computer illustration techniques are covered. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 141 Digital Publishing (3 credits)
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. Prerequisite: ART 140. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 150 (LAC) Art History I (3 credits)
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.

ART 151 Art History II (3 credits)
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.

ART 208 (LAC, T) Artists Course (3 credits)
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. Consult the current course semester schedule for the topic to be studied. Three classes of 208 may substitute for 209 and count as the Artist course requirement. No more than a total of 4 credits may be used towards Art major art history requirements.

ART 209 (LAC, T) Artists Short Course (3 credits)
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. Consult the current course semester schedule for the topics to be studied. If a student takes 209, only 1 credit of 208 may be counted towards the Art major art history requirements.

ART 240 Concepts in Graphic Design (3 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 250 (LAC, T) Ancient Art History (3 credits)
A study of the major art works of the ancient world. Topics will include art of the prehistoric, Greek, and Roman periods.

ART 251 (LAC, T) Medieval Art History (3 credits)
A study of the Middle Ages in art, including early Christian, Byzantine, Romanesque, and Gothic periods.

ART 255 (LAC, T, S) American Art History (3 credits)
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.

ART 260 Sophomore Review (0 credits)
A formal faculty review of student progress. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.
ART 270 Art Education/Elementary (3 credits)
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. Prerequisites: ED 201 and sophomore standing.

ART 286 Topics in Art (3-6 credits)
To provide instruction in topics of special interest that will not be covered thoroughly in other ART courses. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 292 Honors Credit in Art (1-2 credits)
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. Prerequisite: consent of instructor. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 320 Drawing (3-6 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 321 Painting (3-6 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 322 Printmaking (3-6 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 323 Basic Black and White Art Photography (3-6 credits)
Fundamentals of photographic theory and practice with emphasis upon the artistic, expressive use of the camera as an art-making tool. Camera handling and care, film types, composition, exposure determination, developing, printing, enlarging, and presentation techniques directed toward artistic expression are chief areas covered. Students must have a 35mm adjustable camera. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 324 Advanced Traditional Art Photography (3-6 credits)
Emphasis is on refinement of artistic expression through the manipulation of advanced traditional chemical photographic techniques such as: cyanotype, gum bichromate, high contrast, tone-line, posterization, Sabattier effects, etc. Color photography is also covered. Creative, individual work is emphasized. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 325 Fibers (3-6 credits)
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.

ART 330 Sculpture (3-6 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 331 Ceramics (3-6 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.
ART 332 Jewelry/Metalsmithing (3-6 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 340 Graphic Design Studio I (3 credits)
Students will study design aesthetics through a series of projects relating to designed graphics. Of emphasis in the course will be image creation and acquisition as applied to advertising, information and instructional graphics. The course will focus on individual projects using branding oriented design as a vehicle for practical explorations. Product design and advertising campaign building as well as instructional communications will be areas of particular attention. The work for this course will be aimed at portfolio development so a high level of performance is demanded. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 341 Typography Survey (3 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 343 Digital Art Photography (3-6 credits)
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. There will be a materials fee assessed for the class, plus a fee and deposit for rental of supplied digital cameras. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 344 Illustration (3-6 credits)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 348 Graphic Design Studio (3-6 credits)
This 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. Prerequisites: ART 240.

ART 350 Contemporary Art History (3 credits)
A study of the major movements, key artists and art theories appearing in the visual arts from the 1940’s to the present.

ART 351 (LAC, T) History of Graphic Design (3 credits)
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.

ART 360 Junior Review (1 credit)
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. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 370 Art Education/Secondary (3 credits)
Designed to provide the art education major with the applied psychological, philosophical, and educational information to effectively teach art in the secondary school. Prerequisites: ED 201 and sophomore standing, or consent of instructor.

Effective 07/01/08
Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
ART 386 Topics in Art (3-6 credits)
To provide instruction in topics of special interest that will not be covered thoroughly in other art courses. Prerequisite: completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 394 Directed Studies (1-8 credits)
Course of study developed with supervising instructor. Prerequisites: consent of instructor and junior standing. Completion of or concurrent registration in ART 101 or 102 or 103 or ART 100 if non-art major or minor.

ART 400 (M) Professional Practices Seminar (3 credits)
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. Prerequisites: completion of ART 260 and ART 360, senior standing or approval of the Art faculty.

ART 460 Graduation Exhibition (1 credit)
Final performance course for Art: studio emphasis majors. Prerequisites: senior standing, consent of program, successful completion of ART 260, ART 360 and ART 400.

ART 461 Graphic Design Graduation Project (1 credit)
Final performance course for graphic design emphasis majors. Prerequisites: senior standing, consent of program, successful completion of ART 260, ART 360 and ART 400.

ART 499 Graphic Design Internship (3-6 credits)
Individually arranged internships within the broad area of design. Must be proposed and approved by instructor prior to enrollment.
BIOLOGY
Office: Science and Math 178, 537-6178
Faculty: Laren Barker, Sandra Craner, Elizabeth Desy, Vaughn Gehle, Tony Greenfield, Pamela Sanders

Department: Science

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 Biology-Medical Technology/Cytotechnology.

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 Biology-Medical Technology/Cytotechnology is designed for entry into the Medical Technology or Cytotechnology professions at graduation, contingent upon certification by National Registry Examination.

Bachelor of Arts: Biology (66 credits)
I. Required Courses in Biology: (22 credits)
   BIOL 200 Cell Biology (Lecture/Lab:3/1) ......................................................................................4
   BIOL 287 Sophomore Biology Seminar .......................................................................................1
   BIOL 301 Zoology (Lecture/Lab:3/1) ............................................................................................4
   BIOL 302 Botany (Lecture/Lab:3/1) ............................................................................................. 4
   BIOL 311 Ecology (Lecture/Lab:3/1) ............................................................................................. 4
   BIOL 321 Genetics (Lecture/Lab:3/1) ............................................................................................4

II. Biology Electives: (14 credits) ........................................................................................................14
   At least two must include a laboratory
   BIOL 303 Microbiology (Lecture/Lab:3/2) ....................................................................................5
   BIOL 305 Anatomy and Physiology I (Lecture/Lab:3/1) .............................................................4
   BIOL 306 Anatomy and Physiology II (Lecture/Lab:3/1) ............................................................4
   BIOL 310 Natural History of the Vertebrates (Lecture/Lab:3/1) ..................................................4
   BIOL 326 Behavior .....................................................................................................................3
   BIOL 330 Advanced Physiology (Lecture/Lab:3/1) ........................................................................4
   BIOL 333 Histology (Lecture/Lab:2/1) ..........................................................................................3
   BIOL 337 Medicinal Plants ..........................................................................................................3
   BIOL 338 Plant Diversity (Lecture/Lab:3/1) ..................................................................................4
   BIOL 351 Diagnostic Microbiology (Lecture/Lab:3/1) .................................................................4
   BIOL 355 Plant Physiology (Lecture/Lab:2/1) ................................................................................3
   BIOL 371 Food Microbiology .....................................................................................................3
   BIOL 377 Principles of Nutrition .................................................................................................3
   BIOL 401 Evolution ......................................................................................................................3
   BIOL 406 Limnology (Lecture/Lab:3/1) .........................................................................................4
   BIOL 411 Population Ecology ......................................................................................................3
   BIOL 421 Cell and Molecular Biology (Lecture/Lab:2/1) ...............................................................3
   BIOL 439 Plant Ecology (Lecture/Lab:2/1) .................................................................................3
   BIOL 451 Parasitology (Lecture/Lab:2/1) ....................................................................................3
   BIOL 461 Immunology .................................................................................................................3
   BIOL 471 Virology (Lecture/Lab:2/1) ...........................................................................................3
   BIOL 486 Advanced Topics in Biology .........................................................................................1-4
   ENVS 401 Wetland Ecology (Lecture/Lab:3/1) ............................................................................4
   CHEM 473 Biochemistry (Lecture/Lab:3/1) ..................................................................................4

III. Requirements in Related Fields: (30 credits)
   CHEM XXX Four courses with labs numbered 230 or higher ....................................................19
   PHYS XXX Two courses with labs numbered 140 or higher .......................................................8
   MATH 200 Introduction to Statistics ..............................................................................................3

Total Credits: 66
IV. Restrictions for Bachelor of Arts Degree in Biology
1. Credits earned in either BIOL 494: Directed Studies and/or BIOL 499: Internship in Biology
   CANNOT be used to fulfill the Biology major requirements.
2. Students must have an overall GPA of at least 2.0 in Biology courses applied toward the major requirements.
3. Students must have an overall GPA of at least 2.0 in Related Fields courses required for the Biology major.

Bachelor of Arts: Biology-Medical Technology/Cytotechnology Emphasis
(75-83 credits)

I. Required Courses in Biology: (23 credits)
- BIOL 200 Cell Biology (Lecture/Lab:3/1) .................................................................4
- BIOL 303 Microbiology (Lecture/Lab:3/2) ........................................................................5
- BIOL 305 Anatomy and Physiology I (Lecture/Lab:3/1) ..................................................4
- BIOL 306 Anatomy and Physiology II (Lecture/Lab:3/1) ................................................4
- BIOL 333 Histology ........................................................................................................3
- BIOL 461 Immunology .....................................................................................................3

II. Requirements in Related Fields: (20 credits)
- CHEM 231 General Chemistry I (Lecture/Lab:3/1) ..........................................................4
- CHEM 232 General Chemistry II (Lecture/Lab:3/2) .........................................................5
- Two additional semesters of chemistry above the 200 level
  CHEM 243 and CHEM 244 are recommended ............................................................8
- MATH 200 Introduction to Statistics ..............................................................................3

III. Clinical Internship: (32 or 40 credits) .....................................................................32
The student must complete an internship at the Mayo School of Health-Related Sciences in
Rochester, Minnesota or the Sanford USD Medical Center in Sioux Falls, South Dakota.
These 12-month internship programs require formal application and acceptance.
The courses at Sanford USD Medical Center include:
- Clinical Microscopy/Urinalysis ....................................................................................2
- Clinical Hematology/Coagulation ...............................................................................8
- Clinical Microbiology ..................................................................................................10
- Clinical Serology/Immunology ....................................................................................2
- Clinical Chemistry/Immunooassay/Body Fluids ........................................................11
- Clinical Immunohematology ......................................................................................6
- Management and Supervision ....................................................................................1

Total Credits: 75-83

Bachelor of Science: Biology Education (54-55 credits)*

I. Required Courses in Biology: (31 credits)
- BIOL 200 Cell Biology (Lecture/Lab:3/1) ....................................................................4
- BIOL 287 Sophomore Biology Seminar .......................................................................1
- BIOL 301 Zoology (Lecture/Lab:3/1) ............................................................................4
- BIOL 302 Botany (Lecture/Lab:3/1) .............................................................................4
- BIOL 303 Microbiology (Lecture/Lab:3/2) ....................................................................5
- BIOL 305 Anatomy and Physiology I (Lecture/Lab:3/1) .............................................4
- BIOL 311 Ecology (Lecture/Lab:3/1) ............................................................................4
- BIOL 321 Genetics (Lecture/Lab:3/1) ..........................................................................4
- BIOL 487 Junior/Senior Biology Seminar ....................................................................1

II. Requirements in Related Fields: (23-24 credits)
- CHEM 121 Basic Chemistry (Lecture/Lab:3/1) ...............................................................4
  AND
- CHEM 122 Intro to Organic/Biochemistry (Lecture/Lab:3/1) ....................................4
  OR .................................................................................................................................8-9
- CHEM 231 General Chemistry I (Lecture/Lab:3/1) ......................................................4
  AND
- CHEM 232 General Chemistry II (Lecture/Lab:3/2) ......................................................5

Effective 07/01/08

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

BIOL 100 (LAC, E, T) Biology in the Modern World (3 credits lecture/1 credit lab)
A study of the major themes in biology including the nature of life, genetics, evolution, ecology and biological diversity.

BIOL 101 Contemporary Gardening—“Special Plants and Places” (1 credit)
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.

BIOL 104 Medical Terminology (1 credit)
A presentation of the basic principles inherent in the formation of medical terms. Students will develop a medical vocabulary of common and contemporary terms.

BIOL 150 Physiological Anatomy for Non-Science Majors (3 credits lecture/1 credit 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. Prerequisite: BIOL 100.

BIOL 186 Topics in Biology (1-4 credits)

BIOL 200 (LAC) Cell Biology (3 credits lecture/1 credit lab)
A study of the chemical and cellular aspects of life, cellular reproduction, development, Mendelian inheritance, evolution, and the diversity of living organisms. Prerequisite: high school chemistry, CHEM 121 or CHEM 231.

BIOL 206 Topics in Biology (1-4 credits)

BIOL 286 Topics in Biology (1-4 credits)

BIOL 287 Sophomore Biology Seminar (1 credit)
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.

BIOL 292 Honors Credit in Biology (1 credit)
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. Prerequisite: consent of instructor.

BIOL 301 Zoology (3 credits lecture/1 credit lab)
Survey of the major animal phyla including discussion of taxonomy, characteristics, life history, and evolutionary relationships. Prerequisite: BIOL 200.

BIOL 302 Botany (3 credits lecture/1 credit lab)
Introduction to plant anatomy, physiology, growth, and development. Topics also include plant ecology, biotechnology, and human uses of plants. Prerequisite: BIOL 200.

BIOL 303 Microbiology (3 credits lecture/2 credit lab)
Functional and structural diversity of bacteria, protozoans, fungi and viruses; environmental, economic, and pathogenic significance of representative forms. Prerequisite: BIOL 200.

BIOL 305 Anatomy and Physiology I (3 credits lecture/1 credit lab)
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. Prerequisite: BIOL 200 and CHEM 121 or higher. Co-requisite: BIOL 305 Lab.

III. Restrictions:

1. Students must have an overall GPA of at least 2.0 in Biology courses applied toward the major requirements.
2. Students must have an overall GPA of at least 2.0 in Related Fields courses required for the major.

* NOTE: The student must fulfill the professional education requirements for licensure; see the Education Department regarding these requirements.
BIOL 306 Anatomy and Physiology II (3 credits lecture/1 credit lab)
Lecture and lab exercises covering the cardiovascular, lymphatic, respiratory, immune, digestive, urinary, and reproductive systems; metabolism; fluid/electrolyte and acid/base balance. Prerequisite: BIOL 305.

BIOL 310 Natural History of the Vertebrates (3 credits lecture/1 credit lab)
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. Prerequisite: BIOL 200.

BIOL 311 Ecology (3 credits lecture/1 credit lab)
Discussion of ecosystem structure and function, population ecology, evolution, and applied ecology. Lab emphasizes field experiments. Prerequisites: BIOL 287 and BIOL 302, or consent of instructor.

BIOL 321 Genetics (3 credits lecture/1 credit lab)
An analysis of hereditary principles covering classical Mendelian inheritance and recent advances in molecular genetics. Expression and inheritance of characteristics in eukaryotes. Prerequisite: BIOL 301.

BIOL 326 Behavior (3 credits)
This course examines the mechanisms and processes that control behavior from a number of biological perspectives: ecological, evolutionary, physiological, and genetic. Prerequisites: BIOL 200 and PSYC 101.

BIOL 330 Advanced Physiology (3 credits lecture/1 credit lab)
Lecture and lab exercises covering basic physiology using a systems approach. Prerequisites: BIOL 305 and BIOL 306.

BIOL 333 Histology (3 credits)
Histology techniques and microscopic anatomy of selected animal tissues. Prerequisites: BIOL 305 and BIOL 306.

BIOL 337 Medicinal Plants (3 credits)
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. Prerequisite: BIOL 302 or consent of instructor.

BIOL 338 Plant Diversity (3 credits lecture/1 credit 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. Prerequisite: BIOL 302 or consent of instructor.

BIOL 351 Diagnostic Microbiology (3 credits lecture/1 credit lab)
A lecture-laboratory course designed to familiarize students with the major groups of pathogenic micro-organisms, the diseases they produce and laboratory methods of diagnosis. Prerequisite: BIOL 303.

BIOL 355 Plant Physiology (2 credits lecture/1 credit lab)
Principles of plant function including nutrition, transport, water relations, metabolism, growth, and development. Prerequisites: BIOL 302; CHEM 122 or CHEM 351.

BIOL 371 Food Microbiology (2 credits lecture/2 credits 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. Prerequisite: BIOL 303.

BIOL 377 Principles of Nutrition (3 credits)
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. Prerequisites: BIOL 200, CHEM 121 or CHEM 231.

BIOL 401 Evolution (3 credits)
Introduction to the concept of evolution, origin and types of genetic variation, modes of selection, and evidence for the evolutionary process. Prerequisite: BIOL 321.

BIOL 406 Limnology (3 credits lecture/1 credit lab)
Energetics, nutrient cycling, productivity and pollution of lakes and streams; abiotic and biotic diversity of aquatic ecosystems. Prerequisites: BIOL 301, BIOL 302, and junior standing.

BIOL 421 Cell and Molecular Biology (2 credits lecture/1 credit lab)
An advanced course in genetics covering gene structure, mutation and repair, gene expression, gene regulation, and recombinant DNA technology. Prerequisite: BIOL 321 or consent of instructor.

BIOL 439 Plant Ecology (2 credits lecture/1 credit lab)
Interactions between plant populations and communities and their environment; community composition and structure. Prerequisite: BIOL 302.

BIOL 451 Parasitology (2 credits lecture/1 credit lab)
The etiology, epidemiology, methods of diagnosis, control measures, and life histories of the common protozoan, helminth, and arthropod parasites of humans and domestic animals. Prerequisite: BIOL 301.
BIOL 461 Immunology (3 credits)
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. Prerequisite: junior or senior standing and BIOL 200.

BIOL 471 Virology (2 credits lecture/1 credit lab)
Course is designed to address the structure, classification, and diagnosis of major viral pathogens; and the viral diseases affecting humans and animals. Prerequisite: BIOL 303.

BIOL 486 Advanced Topics in Biology (1-4 credits)

BIOL 487 Junior/Senior Biology Seminar (1 credit)
An applied learning experience which involves critical evaluation of biological research articles, scientific writing, and oral seminar presentation. Prerequisites: BIOL 287 and junior or senior standing.

BIOL 494 Directed Studies in Biology (1-2 credits)
Independent research, directed by a faculty member, which may be laboratory research, library research, or other experiences approved by the Biology Program. Prerequisite: consent of instructor.

BIOL 499 Internship in Biology (1-15 credits)
Supervised experiences in learning situations that cannot be obtained on campus. Prerequisite: consent of instructor.
BUSINESS ADMINISTRATION

Office: Charter Hall 129, 537-6223
Chair: Raphael Onyeaghala
Department: Business and Public Affairs

See also: Accounting, Agribusiness, Culinology®, Finance, Hospitality, Management, Marketing, Political Science and Public Administration for additional majors offered by the Department of Business and Public Affairs as well as those offered by other departments: Sports Management (see: Wellness and Human Performance), Music Management (see: Music) and Justice Administration.

SMSU offers Bachelor of Science, Associate of Science, and a minor for business related and non-business related majors. These programs will allow students to strengthen their general business skills and knowledge. The business curriculum is founded on a strong foundation of business core courses that are necessary for success in today’s competitive economic environment.

Students with other majors could also decide to earn a Business minor. The minors are built around the same core competencies as the major, and either minor can be a great addition to a student’s academic credentials.

SMSU also has business 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 Business Administration, or a B.A.S. in Management or Marketing. 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 business graduates. We also have a very successful and active internship program.

Our business 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.

Pre-Business Requirements:

Students seeking a B.S. in Business Administration must complete the Pre-Business requirements.

Pre-Business requirements for students accepted as majors in Business Administration (BADM) are:

1. Complete ENG 101 with a grade of “C” or better, or otherwise satisfy the ENG 101 requirement by testing-out with an instrument approved by SMSU’s English Department.
2. 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 102 (Rhetoric: The Essay)
   c. ENG 103 (Rhetoric: Critical Writing)
   d. SPCH 110 (Essentials of Speaking and Listening)
3. 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 Business Administration program.
4. Prior to admission to the Business program, a student must have earned a cumulative GPA of 2.5 or better within 27 credits of SMSU’s Liberal Arts Curriculum (LAC). Of the 27 credits of LAC courses used to determine the GPA, the following courses must be included: MATH 115 or MATH 140 or higher-level calculus course; ENG 102; ENG 103; and SPCH 110. No courses outside the LAC will be used to determine the GPA for entry into the Business Administration major programs.
5. The Business Administration faculty relies upon active advising and up-to-date record keeping to assure that qualified students are admitted as full Business majors. Students who have not yet met the pre-business 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.
6. The above pre-business requirements for admission to the Business program are separate from SMSU’s Liberal Arts Curriculum (LAC) requirements. All students, including transfer and honor students, who plan to major in Business Administration must meet or exceed the Pre-Business requirements.
7. Students in the Honors Program at SMSU may satisfy the pre-business requirements for ENG 101, ENG 102 and ENG 103 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 3-6 above, must be completed as indicated.

Bachelor of Science: Business Administration (51 credits)

A. Business Core Courses: (36 credits)
- ECON 201 Principles of Microeconomics ......................................................... 3
- ECON 202 Principles of Macroeconomics ......................................................... 3
- ACCT 211 Principles of Accounting I ............................................................... 3
- ACCT 212 Principles of Accounting II ............................................................. 3
- FIN 230 Business Statistics I ........................................................................... 3
- MGMT 280 Computer Concepts and Applications ........................................... 3
- MGMT 300 Management Principles ............................................................... 3
- MKTG 301 Marketing Principles ................................................................... 3
- BADM 305 Business Law I ............................................................................. 3
- FIN 350 Managerial Finance .......................................................................... 3
- MGMT 422 Production and Operations Management ................................... 3
- MGMT 492 Business Policy ........................................................................... 3
- BADM 495 Senior Examination - Business ................................................... 0

B. Restricted Business Electives: (9 credits)
Three related upper-level business administration, management, or finance courses chosen from a list approved by the Business and Public Affairs department faculty and approved by advisor. A list is available in the Department Office, CH 129.

C. Interdisciplinary Studies: (6 credits)
- ECON 470 International Business & Economics ............................................ 3
- Other international course from a list approved by the faculty* ....................... 3

AND
- One non-Business course from a list approved by the faculty* ..................... 3

* Lists are available in the Business and Public Affairs Department Office, Charter Hall 129.

D. Additional Requirements:
Graduation from the program requires the student to take at least 40 credit hours at the 300-400 level. The courses may come from any department/program.

Total Credits: 51

Graduation Requirements:
Majors in Business Administration must meet the following requirements in order to graduate:
1. A grade point average of 2.50 in all major course work taken at SMSU and an overall GPA of 2.50 in major course work including courses transferred from other institutions. Any exceptions to this requirement must be approved by the faculty of the Business Administration program.
2. All major programs must have the approval of the student’s advisor and the Business Administration faculty.
3. All BADM majors must take a comprehensive examination that will assess their basic knowledge and understanding gained in the business curriculum. The examination is given in the course, BADM 495, Senior Examination - Business, which should be taken during the student’s last semester before graduation.

Associate in Science: Business Administration (64 credits)

Summary of Requirements for the A.S. in Business Administration
- Basic Courses (12 credits meet LAC/MTC requirements) ................................. 12 or 13
- Business Core Courses (6 credits meet LAC/MTC requirements) ..................... 27
- Electives ........................................................................................................... 8 or 9
- Additional Liberal Arts Curriculum (LAC)/Minnesota Transfer Curriculum(MTC)
  - Courses (16 credits meet LAC/MTC requirements) ....................................... 16

Total Credits: 64

Effective 07/01/08
Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
A. Basic Courses: (12 or 13 credits)

ENG 101* Fundamentals of College Writing .................................................................0 or 1
ENG 102 Rhetoric: The Essay .......................................................................................3
ENG 103 Rhetoric: Critical Writing .............................................................................3
SPCH 110 Fundamentals of Public Speaking .............................................................3
MATH 110 Finite Math ................................................................................................3
MATH 140 Calculus: A Short Course .........................................................................3

OR.............................................................................................................................3

Basic Course Credits: 12 or 13

B. Business Core Courses: (27 credits)

ECON 201 Principles of Microeconomics ....................................................................3
ECON 202 Principles of Macroeconomics ..................................................................3
ACCT 211 Principles of Accounting I .........................................................................3
ACCT 212 Principles of Accounting II ........................................................................3
MGMT 221 Computer Concepts and Applications ...................................................3
MGMT 300 Management Principles .........................................................................3
MKTG 301 Marketing Principles ................................................................................3
BADM 305 Business Law I .........................................................................................3
FIN 350 Managerial Finance ......................................................................................3

Business Core Courses: 27

C. Electives: (8 or 9 credits)

Elective Courses are chosen by the student in consultation with his/her advisor.

* If ENG 101 is taken as part of the Basic Courses, then the minimum number of credits
in elective courses is 8 credits, otherwise the total must equal 9 credits.

Elective Courses: 8 or 9

D. Additional LAC/MTC Courses: (16 additional credits minimum)

<table>
<thead>
<tr>
<th>Course Category</th>
<th>Credits Earned in Basic or Core</th>
<th>Additional Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Skills (9 credits minimum)</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td>Mathematics (3 credits minimum)</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>History and Social Science (9 credits total; at least 3 in history, and at least 3 credits from two different Social Science disciplines.)</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Humanities and Fine Arts (6 credits total; at least 3 credits from two different disciplines)</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Science (4 credits minimum, include lab component)</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Critical Thinking (3 credits minimum)</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Total LAC/MTC Courses</td>
<td>18</td>
<td>16</td>
</tr>
</tbody>
</table>

Additional LAC/MTC Credits: 16

Total Credits: 64

E. Additional Requirements:

1. A combined total of at least 64 semester credits must be earned as a graduation requirement for an A.S. degree, and a minimum of 30 semester credits (within the 64 total) must be LAC/MTC courses.

2. Students seeking to graduate with an A.S. degree in Business Administration must meet all of Southwest Minnesota State University’s requirements that are associated with the A.S. degree.

3. Each student seeking an A.S. degree in Business Administration, in consultation with his/her advisor, shall decide on the courses to be taken as elective courses within the major.

4. Each student seeking an A.S. degree in Business Administration, in consultation with his/her advisor, shall decide on the courses to be taken as LAC and/or MTC requirements of the A.S. degree.
5. Final approval of a student’s A.S. degree program shall rest with the academic advisor and SMSU’s Business and Public Affairs Department.

**Note:** The student must have a GPA of 2.0 or higher in the Business Core courses required for the Associate in Science degree.

**Minor: Business Administration for Business-Related Majors (30 credits)**
For majors in business-related programs including Accounting, Finance, Hospitality, Management, Marketing, Agribusiness Management, Sports Management and related Interdisciplinary Majors.

A. **Business Core Courses: (24 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>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>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>BADM 305</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One upper level Business Administration, Economics, Finance, or Management course</td>
<td>3</td>
</tr>
</tbody>
</table>

B. **Interdisciplinary Studies: (6 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 470</td>
<td>International Business and Economics</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other international course from a list approved by the Business faculty*</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>One non-Business course from a list approved by the Business faculty*</td>
<td>3</td>
</tr>
</tbody>
</table>

* Lists are available in the Business and Public Affairs Department Office, CH 129.

Total Credits: 30

**NOTE:** The electives used for the Business Administration Minor cannot not be counted toward other degrees.

**Minor: Business Administration for Non-Business Majors (24 credits)**
*For majors in non-Business related programs.*

<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>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
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<td>ACCT 212</td>
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<td>Computer Concepts and Applications</td>
<td>3</td>
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<tr>
<td>MGMT 300</td>
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<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Marketing Principles</td>
<td>3</td>
</tr>
<tr>
<td>BADM 305</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 24

**Note:** The student must have a GPA of 2.0 or higher in the courses required for either Business Administration Minor.
BUSINESS ADMINISTRATION COURSES (BADM)

BADM 101 Introduction to Business (3 credits)
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.

BADM 205 Business and Society (3 credits)
Nature of business and its environment; social, cultural, and economic considerations; governmental interrelations.

BADM 286 Special Topics (1-4 credits)

BADM 300 Legal Environment of Business (3 credits)
The legal system and government regulation of business activities affecting the physical environment, consumers, employees, competitors, and society as a whole.

BADM 305 Business Law I (3 credits)
Introduction to legal systems, torts, property, contracts, agency, and partnerships.

BADM 355 Business Law II (3 credits)
Corporations, securities regulations, sales, commercial property and credit.

BADM 360 Insurance and Risk Management (3 credits)
Risk, insurance, types of carriers, types of insurance contracts, and risk management for both personal and business use.

BADM 365 Real Estate (3 credits)
Property rights, financing, brokerage, property valuation, and planning. Prerequisite: BADM 305.

BADM 486 Special Topics (1-4 credits)

BADM 494 Independent Study (1-3 credits)
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. Prerequisite: junior standing.

BADM 495 Senior Examination - Business Administration(0 credits)
A comprehensive examination covering the Business Administration major. Prerequisites: Admission to the Business Administration major and senior standing.

BADM 499 Business Administration Internship and Seminar (1-6 credits)
The opportunity to pursue an internship is designed to supplement course materials with actual related work experience. Students are expected to integrate disciplinary knowledge in 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. Prerequisites: Prior approval for an internship position is determined by the designated faculty advisor; minimum of one semester in residence after internship; and a 2.25 GPA.
BUSINESS: GRADUATE PROGRAM

Office: Charter Hall 129, 537-6223
Admission: Graduate Admission Office, 1-800-642-0684 ext. 6819
Faculty: Will Thomas (Program Director), Raphael Onyeaghal, Mark Goodenow, John Gochenouer, Stacy Ball-Elias, Mike Rich, Elina Ibrayeva, Susan Jones, Matthew Walker, Stephen Davis, John Kim, Douglas L. Simon, David Patterson, Gerald Toland

Department: Business and Public Affairs

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, online or on weekends 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.

In order to prepare MBA graduates to be better managers in different career fields in business, it is important to develop concentrations in the SMSU MBA program. The current curriculum provides the students with strong background in general business disciplines, but lacks the strength associated with each career fields. MBA with concentrations will provide the students with the opportunity to obtain a strong business degree as well as a recognized specialty. The following concentrations are offered: General MBA; Leadership; and Marketing.

Master of Business Administration: M.B.A. (36-40 credits)

I: Foundation Courses (4 Credits)
The foundation course offers students, whose undergraduate degrees are in non-business areas or who have been out of school for long periods of time, an opportunity to study the subjects that will enable them speak the same language as students who have degrees in one of the business areas. The foundation courses include:

- BADM 483 Business Concepts ......................................................................................................3
- BADM 493 Statistical Concepts and Terminology ............................................................................3

II: Required Courses (24 Credits)

Every student in the program is required to take the following required courses:

- MBA 606 Accounting for Managers .........................................................................................3
- MBA 607 Strategic Marketing Management ..................................................................................3
- MBA 609 Management of Production and Operations .............................................................3
- MBA 660 Legal & Ethical Environment of Business .....................................................................3
- MBA 670 Financial Analysis ...........................................................................................................3
- MBA 681 International Business and Leadership ...........................................................................3
- MBA 684 Managerial Economics ..................................................................................................3
- MBA 685 Strategic Management and Policy ..................................................................................3

III. Concentrations: (12 credits) ..................................................................................................12

A. General MBA Concentration Courses: (12 credits)

Choose four electives from the list of elective courses.

- MBA 603 Organizational and Managerial Behavior .................................................................3
- MBA 610 Interpersonal and Managerial Skills in Organizations .................................................3
- MBA 630 Applications of Management Decision Instruments ..................................................3
- MBA 651 Leadership and Team Management ..............................................................................3
- MBA 652 Organizational Development and Change .................................................................3
- MBA 680 Technology Management ............................................................................................3
- MBA 682 Diversity Management ..................................................................................................3
- MBA 686 Seminar in Management Issues .....................................................................................3
- MBA 653 Human Resources Management ..................................................................................3
- PHIL 500 Organizational Values ..................................................................................................3
B. Leadership Concentration Courses: (12 credits)
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.

Take the following three courses:
- MBA 603 Organizational and Managerial Behavior .................................................3
- MBA 651 Leadership and Team Management.........................................................3
- MBA 652 Organizational Development and Change...............................................3

Select one course from the following:
- MBA 610 Interpersonal and Managerial Skills in Organizations ..........................3
- MBA 682 Diversity Management ............................................................................3
- MBA 686 Seminar in Management Issues..............................................................3
- MBA 680 Technology Management .......................................................................3
- MBA 653 Human Resources Management............................................................3
- PHIL 500 Organizational Values .............................................................................3

C. Marketing Concentration Courses: (12 credits)
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.

Take the following two courses:
- MBA 511 Integrated Marketing Communications ..................................................3
- MBA 561 Business-to-Business Marketing ...............................................................3

Select two courses from the following:
- MBA 521 e-Marketing .............................................................................................3
- MBA 531 Sales Management ..................................................................................3
- MBA 541 Marketing Research ................................................................................3
- MBA 571 Entrepreneurship ....................................................................................3
- PHIL 500 Organizational Values .............................................................................3

Total Credits: 36–40

MASTER OF BUSINESS ADMINISTRATION COURSES (MBA)

MBA 511 Integrated Marketing Communications (3 credits)
Historically, promotional forms have been separated between personal selling and the remaining elements of advertising, public relations and sales promotion. In recent years, most firms have experienced significant cost savings by combining all four elements to maximize the return on the invested promotional dollars. The linkage of the sales function with promotional activities enhances the effectiveness of the salesperson while creating a common linkage with all other marketing functions within the firm. This course will offer the greatest level of detail in allocating time and resources between the various promotional options of any marketing courses offered at SMSU.

MBA 521 e-Marketing (3 credits)

MBA 531 Sales Management (3 credits)

MBA 561 Business-to-Business Marketing (3 credits)

MBA 571 Entrepreneurship (3 credits)

MBA 603 Organizational and Managerial Behavior (3 credits)
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.

MBA 604 Industrial/Organizational Psychology (3 credits)
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.

MBA 606 Accounting for Managers (3 credits)
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.

MBA 607 Strategic Marketing Management (3 credits)
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 student’s 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.

MBA 609 Management of Production and Operations (3 credits)
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.

MBA 610 Interpersonal and Managerial Skills in Organizations (3 credits)
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.

MBA 630 Application of Management Decision Instruments (3 credits)
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.

MBA 541 Marketing Research (3 credits)
The marketing concept has always focused on meeting the customer’s needs. Those needs, in order to be properly fulfilled, must be predicated 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 hands-on experience in developing an understanding of research principles. Specific organizations will be targeted, and research projects will be completed on 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.

MBA 650 Staffing, Training & Development (3 credits)
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.

MBA 651 Leadership and Team Management (3 credits)
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.

MBA 652 Organizational Development and Change Management (3 credits)
Organizational 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.

MBA 660 Legal and Ethical Environment of Business (3 credits)
Examines the role and impact of governmental, legal, and social systems upon organizations and managerial decision-making. Emphasis is placed upon the challenges with legal and social issues. Objectives include an understanding of employer/employee rights and responsibilities, general tort and product liabilities, and environmental and other regulatory law requirements.
MBA 670 Financial Analysis (3 credits)
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.

MBA 680 Technology Management (3 credits)
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.

MBA 681 International Business and Leadership (3 credits)
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.

MBA 682 Diversity Management (3 credits)
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.

MBA 684 Managerial Economics (3 credits)
This course will prepare the student in the area of economic reasoning, a capability that is an important element in the toolkit 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.

MBA 685 Strategic Management and Policy (3 credits)
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.

MBA 686 Seminar in Management Issues (3 credits)
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.”

MBA 694 Independent Study (3 credits)

PHIL 500 Organizational Values (3 credits)
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.
CHEMISTRY

Office: Science and Math Building 178, 537-6141
Faculty: Noelle Beyer, Jay Brown, Robert Eliason, John Hansen, Frank Schindler
Department: Science

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.

Bachelor of Science: Chemistry (67-69 credits)

1. Chemistry Core: (44 credits)
   - CHEM 231 General Chemistry I (Lecture/Lab:3/1) .................................................................4
   - CHEM 232 General Chemistry II (Lecture/Lab:3/2) .................................................................5
   - CHEM 243 Quantitative Analytical Chemistry (Lecture/Lab:3/1) ..............................................4
   - CHEM 244 Instrumental Analysis (Lecture/Lab:3/1) .................................................................4
   - CHEM 333 Intermediate Inorganic Chemistry (Lecture/Lab:3/1) .............................................4
   - CHEM 351 Organic Chemistry I (Lecture/Lab:3/2) .................................................................5
   - CHEM 352 Organic Chemistry II (Lecture/Lab:3/2) .................................................................5
   - CHEM 364 Chemical Thermodynamics and Kinetics ...............................................................3
   - CHEM 365 Quantum Chemistry and Spectroscopy .................................................................3
   - CHEM 366 Physical/Instrumentation Laboratory .................................................................4
   - CHEM 473 Biochemistry (Lab not required) ...........................................................................3

2. Advanced Chemistry Courses (6 credits)
   - CHEM 470 Advanced Laboratory ............................................................3

   One of the following: .................................................................3
   - CHEM 437 Advanced Inorganic Chemistry .................................................................3
   - CHEM 447 Advanced Organic Chemistry .................................................................3
   - CHEM 457 Advanced Analytical Chemistry .................................................................3
   - CHEM 467 Computational Chemistry .................................................................3

3. Courses in Related Fields: (18-20 credits)
   - MATH 150/151 Calculus I/II ........................................................................10
   - PHYS 141/142 College Physics I/II ........................................................................8
   OR ........................................................................8-10
   - PHYS 281/282 University Physics I/II (recommended) .....................................................10

4. Additional recommendations:
   - At least one additional mathematics course is recommended, especially one chosen from:
     - MATH 252, 345, 350 or 360.

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
Bachelor of Arts: Chemistry (31-33 credits)

I. Chemistry Core: (24 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 (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 232</td>
<td>General Chemistry II (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Organic Chemistry I (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Organic Chemistry II (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 363</td>
<td>Basic Physical Chemistry (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 420</td>
<td>Chemistry Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

II. Chemistry Option: (4 credits)

One additional four-credit course in Chemistry at the 200-level or above with a laboratory component other than those listed in Part II above. 4

III. Required Courses in Related Fields: (3-5 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>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
</tr>
</tbody>
</table>

31-33

Bachelor of Arts: Chemistry, Environmental Emphasis (35-37 credits)

I. Chemistry Core: (27 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 (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 232</td>
<td>General Chemistry II (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 244</td>
<td>Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Organic Chemistry I (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Organic Chemistry II (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 363</td>
<td>Basic Physical Chemistry (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
</tbody>
</table>

II. Required Courses in Related Fields: (8-10 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 180</td>
<td>Environmental Science* (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 420</td>
<td>Environmental Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>3-5</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
</tr>
</tbody>
</table>

35-37

* ENVS 180 should be taken as part of LAC to satisfy major requirements without additional course work.

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 (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 232</td>
<td>General Chemistry II (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 243</td>
<td>Quantitative Analysis (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Organic Chemistry I (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Organic Chemistry II (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 363</td>
<td>Basic Physical Chemistry (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 420</td>
<td>Chemistry Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

II. Additional Requirements: (11-15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 141/142</td>
<td>College Physics I/College Physics II (Lecture/Lab:3/1)</td>
<td>8</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 181/182</td>
<td>University Physics I/University Physics II (Lecture/Lab:3/1)</td>
<td>10</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>3-5</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Calculus I</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Credits: 39-43

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

Effective 07/01/08

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

CHEM 104 General Glassblowing (2 credits)
The fundamentals of glassblowing and flameworking with applications to the design and construction of decorative glass pieces.

CHEM 105 Scientific Glassblowing (2 credits)
The fundamentals of glassblowing and flameworking with applications to the construction and repair of scientific glassware.

CHEM 110 (LAC, E) Our Chemical World (3 credits lecture/1 credit lab)
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.

CHEM 111 (LAC, R) Chemistry in our Daily Lives (3 credits lecture/1 credit lab)
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.

CHEM 121 (LAC) Basic Chemistry (3 credits lecture/1 credit lab)
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 two years of high school mathematics or MATH 060.

CHEM 122 Introductory Organic/Biochemistry (3 credits lecture/1 credit lab)
For students interested in agriculture, foods, health, or technology. Brief study of organic and biochemistry with an emphasis on applications to the above areas. Prerequisite: CHEM 121.

CHEM 186 Special Topics (1-4 credits)

CHEM 231 (LAC, E, T) General Chemistry I (3 credits lecture/1 credit lab)
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.

CHEM 232 General Chemistry II (3 credits lecture/2 credits lab)
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. Prerequisite: CHEM 231.

CHEM 233 Intermediate Inorganic Chemistry (4 credits lecture/lab)
Transition metal complexes and recent advances in inorganic chemistry. Prerequisite: CHEM 232.

CHEM 234 Instrumental Analysis (4 credits lecture/lab)
Basic principles of instrumentation. Spectroscopic and chromatographic methods of quantitative and qualitative analysis. Prerequisite: CHEM 232 or concurrent enrollment.

CHEM 286 Special Topics (1-4 credits)

CHEM 292 Honors Credit in Chemistry (1 credit)
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 chemistry course. Prerequisite: consent of instructor.

CHEM 333 Intermediate Inorganic Chemistry (4 credits lecture/lab)
Transition metal complexes and recent advances in inorganic chemistry. Prerequisite: CHEM 232.

CHEM 351 Organic Chemistry I (3 credits lecture/2 credits 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. Prerequisite: CHEM 232.

CHEM 352 Organic Chemistry II (3 credits lecture/2 credits lab)
Continuation of CHEM 351. Prerequisite: CHEM 351.

CHEM 356 Basic Physical Chemistry (3 credits lecture/1 credit lab)
Principles of chemical thermodynamics and kinetics and their application to biological systems. Prerequisites: CHEM 232 and MATH 140 or 150.
CHEM 364 Chemical Thermodynamics and Kinetics (3 credits)
An introduction to chemical thermodynamics and its applications; chemical kinetics; and the kinetic theory of gases. Prerequisites: CHEM 232, MATH 151, and one year of physics.

CHEM 365 Quantum Chemistry and Spectroscopy (3 credits)
Quantum mechanics and its applications to molecular structure and spectroscopy; statistical mechanics of molecules; and chemical reaction dynamics. Prerequisites: CHEM 232, MATH 151, and one year of physics.

CHEM 366 Physical/Instrumental Laboratory (1-4 credits)
Experiments demonstrating principles of physical chemistry such as determination of reaction rates and spectroscopic means of determining molecular structures. Statistical methods of data analysis, computer-aided data acquisition, advanced laboratory instrumentation, and scientific writing are introduced in the context of these experiments. Students may complete a reduced number of experiments to earn fewer than four (4) credits. Prerequisite: CHEM 232, MATH 151, and one year of physics.

CHEM 420 Chemistry Seminar I (1 credit)
Use of the chemical literature, current developments in research, technical speaking and writing. Prerequisite: CHEM 363 or 364 or 365 or concurrent enrollment.

CHEM 437 Advanced Inorganic Chemistry (3 credits lecture/lab)
A study of advanced topics in inorganic chemistry, focusing on the development of and current trends in main group and transition-metal organometallic chemistry. Topics may include a survey of organometallic compounds of various elements from Groups 1, 2, 13, 14, 15, 16; the 18-electron rule, transition metal-carbon σ complexes, transition metal-carbon π complexes, metal-metal bonds and clusters, organometallics reactions, and organometallic catalysis. Prerequisites: CHEM 333; and CHEM 364 or 365 or concurrent enrollment.

CHEM 447 Advanced Analytical Chemistry (3 credits lecture/lab)
Advanced theory and application of topics introduced in Instrumental Analysis (CHEM 244). Subjects may include electrochemistry, chromatography, and Nuclear Magnetic Resonance (NMR) spectroscopy. Prerequisites: CHEM 244, and CHEM 364 or 365.

CHEM 457 Advanced Organic Chemistry (3 credits lecture/lab)
Transition states, reactive intermediates, free energy relationships, and kinetic isotope effects in the elucidation of reaction mechanisms. Prerequisites: CHEM 352, and CHEM 364 or 365.

CHEM 467 Computational Chemistry (3 credits lecture/lab)
An introduction to current quantum mechanical methods of computing molecular structure and spectra as well as chemical reaction dynamics. Common semi-empirical methods are discussed as are Hartree-Fock and densityfunctional methods. Both theory and practical experience with computer calculations are included. Prerequisite: CHEM 365.

CHEM 470 Advanced Laboratory (1-4 credits)
An introduction to the integrated practice of chemical science, including the use of primary chemical literature, laboratory research, and report 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. Prerequisite: CHEM 352 and one of CHEM 363, CHEM 364, or CHEM 365; or consent of instructor.

CHEM 473 Biochemistry (3 credits lecture/1 credit lab)
Structure, reactions and metabolism of biologically important compounds. Prerequisite: CHEM 352.

CHEM 486 Advanced Topics (1-4 credits)
Organometallics, nonaqueous solution reactions, solid-state chemistry, polymers, computers in chemistry, environmental chemistry, or similar topics. Prerequisite: consent of instructor. May be repeated for a maximum of 8 credits.

CHEM 499 Internship in Chemistry (1-16 credits)
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. Prerequisite: consent of Chemistry Program faculty.
COMPUTER SCIENCE

Office: Science and Math 178, 537-6141
Faculty: Daniel Kaiser, Shushuang Man, Kourosh Mortezapour
Department: Mathematics and Computer Science

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.

Bachelor of Science: Computer Science (57 credits)

I. Required Computer Science Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 130</td>
<td>Preview of Computer Science</td>
<td>4</td>
</tr>
<tr>
<td>COMP 165</td>
<td>Fundamentals of Programming</td>
<td>4</td>
</tr>
<tr>
<td>COMP 166</td>
<td>Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>COMP 233</td>
<td>Computer Organization and Architecture</td>
<td>4</td>
</tr>
<tr>
<td>COMP 324</td>
<td>Design and Analysis of Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>COMP 368</td>
<td>Information and Knowledge Management</td>
<td>3</td>
</tr>
<tr>
<td>COMP 376</td>
<td>Advanced UNIX Programming</td>
<td>3</td>
</tr>
<tr>
<td>COMP 377</td>
<td>Operating Systems and Networks</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>
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<tr>
<td>COMP 493/499</td>
<td>Capstone Project</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>57</td>
</tr>
</tbody>
</table>

II. Computer Science Electives:

Nine (9) additional credits in Computer Science courses:

COMP courses numbered 300 through 490 or MATH 345

III. Required Mathematics Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>Statistics</td>
<td>3</td>
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<tr>
<td>MATH 210</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 315</td>
<td>Combinatorics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
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</tr>
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</table>

Minor: Computer Science (23-25 credits)

I. Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 130</td>
<td>Preview of Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>COMP 165</td>
<td>Fundamentals of Programming</td>
<td>4</td>
</tr>
<tr>
<td>COMP 166</td>
<td>Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>MATH 210</td>
<td>Discrete Mathematics</td>
<td>3</td>
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</tbody>
</table>

II. Computer Science Electives:

Nine to eleven (9-11) additional credits in Computer Science courses:

One COMP course numbered 200 or above
Two COMP courses numbered 300 or above

Total Credits: 23-25

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
COMPUTER SCIENCE COURSES (COMP)

COMP 105 Introduction to Computers (3 credits)
An overview of mainframe and personal computers. Topics include: application software, the Internet, hardware components and peripheral devices, and data processing.

COMP 130 Preview of Computer Science (4 credits)
An introduction to the many facets of computer science as a discipline. Topics will include: history of computing, the binary number system, data representation, digital logic, algorithmic problem solving, high- and low-level programming languages, data abstraction, operating systems, communication networks, information systems, and artificial intelligence. 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 required preparation is MATH 110 or three years of high school mathematics.

COMP 165 Fundamentals of Programming (4 credits)
An introduction to the science and art of problem solving through computer programming. Topics include problem solving methods, program design strategies, selection structures, iteration structures, sub-programs, recursion, arrays, records and pointers. Student will use a popular high-level programming language to write, compile, debug, and document software. Hands-on laboratory exercises will be integrated into the course. The required preparation is MATH 110 or three years of high school mathematics.

COMP 166 Data Structures (4 credits)
Continuation of COMP 165: Fundamentals of Programming. Topics include: object-oriented design, classes, generic programming, lists, stacks, queues, binary trees, sorting and searching. Hands-on laboratory exercises will be integrated into the course. Prerequisite: COMP 165.

COMP 189 Introduction to GIS Software (3 credits)
In this course, students learn how to use major GIS software (as end user). First, basics of geographic information systems, internal organization, and fundamental functionality of GIS software are introduced. Basic techniques of producing maps and querying on maps are then discussed. Further, visualization and reporting geographic information are taught. Finally basic commands of editing geographic information are introduced.

COMP 199 Field Experience in Computer Applications (1-3 credits)
On-the-job, supervised experience and study dealing with the applications of computers. Prerequisite: consent of Mathematics and Computer Science program faculty.

COMP 201 Windows Programming (3 credits)
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. Prerequisite: COMP 165 or equivalent.

COMP 233 Computer Organization and Architecture (4 credits)
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. Prerequisite: MATH 210 (may be taken concurrently) and COMP 130 and COMP 165.

COMP 265 (C, G) Computers and Society (3 credits)
An examination of the impact of computers on society. Topics include: ethical concerns, computer networks as a global meeting place, and the impact of computer on the economy, the workplace, politics, cultural exchange, and social participation.

COMP 286 Topics in Computer Science (1-4 credits)
A study of computer science topics not ordinarily covered in established courses. Prerequisite: consent of the program faculty.

COMP 292 Honors Credit in Computer Science (1-4 credits)
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. Prerequisites: consent of instructor and program faculty.

COMP 306 Object-Oriented Programming and the Web (4 credits)
An introduction to Web-based programming using object-oriented methods. Topics include: abstraction, composition, inheritance, polymorphism, UML design, threads and sockets, graphic elements, user interface design and event handling. Prerequisites: COMP 166.

COMP 324 Design and Analysis of Algorithms (3 credits)
A study of algorithms. Topics include: analysis and verification techniques, divide and conquer, dynamic programming, greedy, backtracking, and problem complexity. Prerequisites: COMP 130, COMP 166, MATH 210 and MATH 150.
COMP 328 Theory of Computation (3 credits)
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. Prerequisite: MATH 210.

COMP 351 Programming Languages (3 credits)
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. Prerequisites: COMP 166, COMP 233, or consent of instructor.

COMP 368 Information and Knowledge Management (3 credits)
An introduction to the storage and organization of information. Topics include: database management, data mining, intelligent systems, networked databases, and human-computer interaction. Prerequisites: COMP 166 and MATH 210.

COMP 376 Advanced UNIX Programming (3 credits)
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. Prerequisites: COMP 166

COMP 377 Operating Systems and Networks (3 credits)
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. Prerequisites: COMP 233 and COMP 376.

COMP 385 Computer Graphics (3 credits)
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. Prerequisites: MATH 150 and COMP 166.

COMP 390 Professional Issues Seminar (1 credit)
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. Prerequisites: junior standing and COMP 306 or consent of instructor.

COMP 425 Software Engineering (3 credits)
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. Prerequisites: COMP 324, COMP 368, and COMP 377 or consent of instructor. One of the prerequisite courses may be taken concurrently with COMP 425.

COMP 435 Artificial Intelligence (3 credits)
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. Prerequisite: COMP 324.

COMP 455 Compiler Construction (3 credits)
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, code optimization techniques, and overall design. Prerequisites: COMP 324 and COMP 328.

COMP 486 Advanced Topics in Computer Science (1-4 credits)
A study of computer science topics not ordinarily covered in the established courses. Prerequisite: consent of Computer Science Program faculty.

COMP 492, 493 Capstone Project (1 credit)
Students will work in teams to design, develop, and implement a significant software or hardware project. Two-semester sequence. Prerequisite: senior standing and COMP 425 or consent of Computer Science Program faculty.

COMP 494 Independent Studies (1-3 credits)
An independent study of a computer science topic not covered elsewhere. Prerequisite: consent of instructor.

COMP 499 Internship in Computer Science (1-16 credits)
On-the-job supervised experience and study dealing with applications of computer science. Prerequisite: consent of the Mathematics and Computer Science Program faculty.

Effective 07/01/08

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CRIMINAL JUSTICE

Office: Social Science 103, 537-6224
Faculty: William DuBois, BC Franson
Department: Social Science

The Criminal Justice curriculum builds on a Sociology foundation to give students a broad understanding of social deviance and contemporary criminal justice. Through multidisciplinary studies, students learn about the origins, development, and current conditions of criminal justice systems in the U.S. and in other cultures. This knowledge increases students’ understanding of ways society identifies and reacts to deviant behavior in all forms. The Criminal Justice curriculum complements the Sociology curriculum, and a limited amount of coursework may be applied to satisfying requirements for the Sociology major.

Minor: Criminal Justice (27 credits)

I. Criminal Justice Core: (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 144</td>
<td>Introduction to Justice and Society</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 450</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>POL 328</td>
<td>Constitutional Law I: Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>POL 415</td>
<td>Law and Society</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 244</td>
<td>Sociology of Deviant Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 344</td>
<td>Criminology (Prerequisite: JUAD 144)</td>
<td>3</td>
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</tbody>
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OR

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>POL 415</td>
<td>Law and Society</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 244</td>
<td>Sociology of Deviant Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 344</td>
<td>Criminology (Prerequisite: JUAD 144)</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Electives: (9 credits)

Choose one course (3 credits) from each of the following three categories:

1. JUAD 242 Corrections Systems ..................................................3
   JUAD 338 Justice and Juvenile Delinquency ..................................3
   JUAD 442 Court/Police/Corrections Management ...........................3
   JUAD 448 White Collar Crime ..................................................3
   JUAD 499 Field Experience/Internship* ....................................3

2. PHIL 305 Law, Liberty, and Morality ........................................3
   POL 351 Constitutional Law II: Civil Liberties .........................3
   PSYC 335 Abnormal Psychology ...............................................3
   PSYC 341 Child and Adolescent Psychology ................................3
   PSYC 465 Behavior Modification ............................................3
   SPCH 230 Interpersonal and Cross-Cultural Communication ...........3

3. INDS 326 Decolonization, Recovery, and Indigenous Peoples ..........3
   SOCI 270 Gender Issues .......................................................3
   SOCI 331 Minorities in American Society ..................................3
   SOCI 499 Field Experience/Internship* ....................................3

* Only one internship course is allowed.

NOTE: Students who wish to major in Sociology and minor in Criminal Justice are required to complete the Sociology core courses (25 credits) and five electives (15 credits) for the Sociology major in addition to the above minor. Students may count SOCI 244 Sociology of Deviant Behavior, as one of the five electives for the major. They may also count SOCI 331 Minorities in American Society as one of the five electives for the major. Together, the total number of credits for a Sociology major and a Criminal Justice minor ranges from 61 to 67 credits. Students with other majors complete the minor as shown above.
SOCIOLOGY AND CRIMINAL JUSTICE

SOCIOLOGY AND CRIMINAL JUSTICE COURSES (SOCI)

SOCI 101 (LAC, D) Introduction to Sociology (3 credits)
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.

SOCI 102 (LAC, R, S) Introduction to Sociology: Rural and Regional Perspective (3 credits)
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.

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 (64 credits), a student completes an Associate of Applied Science (A.A.S.) degree in Law Enforcement Administration. In the final two years (64 credits) of SMSU’s B.A.S. program, a student takes a 42-semester credit major (described below) in Law Enforcement Administration, and 22 semester credit hours (SCH) of general education and related courses. A large number of the courses in this program will be available via the Internet.

To earn the B.A.S. in Law Enforcement Administration, a student will:
1. Complete the degree requirements for an A.A.S. degree in Law Enforcement.
2. Consult with an SMSU faculty advisor, and then take 22 additional SCH of courses from the Liberal Arts Curriculum/Minnesota Transfer Curriculum.
3. Meet the graduation requirements of Southwest Minnesota State University.
4. Complete the 42-credit major in Law Enforcement Administration as outlined below.

Bachelor of Applied Science–Law Enforcement Administration Requirements:
General Recommended LAC/MTC requirements (minimum 22 credits)
All students enrolled in a Bachelor of Applied Science degree will be required to complete a minimum of 22 General Education credits. These additional courses will be determined by an evaluation of the General Education courses taken within the A.A.S. degree.

A. Social Science Component: (21 credits)
- POL 324 Local and Rural Politics ......................................................... 3
- SOCI 331 Minorities in America .......................................................... 3
- SWRK 340 Human Behavior in the Social Environment ....................... 3
- OR ......................................................................................................... 3
- PHIL 305 Law, Liberty, and Morality .................................................. 3
- PSYC 335 Abnormal Psychology ....................................................... 3
- JUAD 442 Court and Corrections Management ................................... 3
- JUAD 448 White Collar Crime ......................................................... 3
- JUAD 498 Senior Seminar (Capstone Course) ..................................... 3

B. Administrative Component: (21 credits)
- MGMT 300 Management Principles .................................................. 3
- MGMT 350 Human Resources .......................................................... 3
- MGMT 450 Diversity Management .................................................... 3
- MGMT 451 Human Resource Development ...................................... 3
- PBAD 325 Administrative Law .......................................................... 3
- PBAD 350 Public Budgeting .............................................................. 3

C. Graduation Requirements
- Wellness and Health Requirement
- Regional Studies Requirement
- Capstone Course (See Above)

Total Credits: 42

Effective 07/01/08
Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
social institutions, demography, collective behavior, and social change. This course differs from SOCI 101 in that it uses examples from southwestern Minnesota as well as other rural societies and peoples. Further emphasis is placed on the social problems, community life and culture, and the social fabric of southwestern Minnesota.

SOCI 135 (R) Rural Society (3 credits)
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.

SOCI 161 Relationship Violence: Causes, Consequences, Treatment, and Prevention (1 credit)
This course introduces facts, concepts and theories that provide a foundation for understanding the kinds of violence that may occur regularly in relationships. Topics include: violence in dating relationships and acquaintance rape, partner abuse and rape, child abuse and incest, and elder abuse. Multidisciplinary perspectives provide a broad introductory overview of these issues.

SOCI 200 Social Statistics (4 credits)
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. Prerequisite: MATH 110 or three years of high school math.

SOCI 211 Marriage and Family (3 credits)
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. Prerequisite: SOCI 101.

SOCI 218 Self and Society (3 credits)
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. Prerequisite: SOCI 101.

SOCI 220 Social Problems (3 credits)
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. Prerequisite: SOCI 101.

SOCI 244 Sociology of Deviant Behavior (3 credits)
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. Prerequisite: SOCI 101.

SOCI 270 (D, G) Gender Issues (3 credits)
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.

SOCI 286 Special Topics (1-4 credits)
This course is designed to provide lower-division students with an opportunity to experience a special or experimental curriculum course.

SOCI 314 Sociological Theory (3 credits)
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.

SOCI 315 Applied Social Research Methods (3 credits)
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. Prerequisites: SOCI 101, 200, and 314, or senior standing.
SOCI 318 Forces for Social Change (3 credits)
Changing technology, collective behavior, reform and revolution; causes and consequences of social change, creative and destructive consequences of changing social patterns; and the relevance of history to social process. Prerequisites: SOCI 101 and one other sociology course.

SOCI 331 (D) Minorities in American Society (3 credits)
Causes and consequences of prejudice, discrimination, and segregation; relationships of ethnic, racial, and religious minorities to dominant categories in the United States; and remedial programs to reduce racial, ethnic, and religious tensions. Prerequisite: SOCI 101.

SOCI 344 Criminology (3 credits)
Explanation and critical analysis of criminology theory. Also, the course examines major types of crimes, victims, and criminal behavior in the contemporary United States. Topics include definitions; incidence and trends in criminal behavior; roles of police and judicial personnel; and justifications for punishment. Prerequisite: SOCI 144.

SOCI 354 The Holocaust, Genocide, and Human Rights (3 credits)
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. Prerequisite: junior or senior standing, or consent of instructor.

SOCI 345 Formal Organizations, Bureaucracies, Corporations (3 credits)
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. Prerequisite: SOCI 101.

SOCI 435 Rural Development (3 credits)
A critical analysis of research goals and methods currently applied to rural development; review and analysis of the future of small rural communities; and the benefits and costs of rural industrialization and its full social consequences. A major content requirement is a research paper. Prerequisite: one sociology or history course from the Rural Studies course list (See Core Curriculum section.)

SOCI 440 Human Communities: Structure and Change (3 credits)
Sociological analysis of community structure, community development, and change. Focus on grassroots movements and community organizing. Critiques of community planning will be reviewed. Consideration of applicability of community development in less developed countries to North America. Prerequisite: SOCI 101, ANTH 116, or consent of instructor.

SOCI 450 Individual Readings (1-3 credits)
Prerequisite: consent of instructor.

SOCI 486 Special Topics (1-4 credits)
This course is designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.

SOCI 495 Senior Seminar in Sociology (3 credits)
This course is designed to integrate previous sociology study by reviewing basic concepts and theories, reading and discussing selected topics not covered in the regular curriculum, and completing a research project begun in Applied Social Research Methods. Prerequisites: SOCI 315 and consent of instructor.

SOCI 499 Field Experience/Internship (3-12 credits)
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, and applied sociology. Prerequisites: Sociology major or minor, Justice Administration major, Anthropology minor, or Criminal Justice minor; and SOCI 315; or consent of instructor.
CULINOLOGY®

Office:    Individualized Learning 121, 537-6436
Faculty:   Michael Cheng, Kurt Struwe
Department: Business and Public Affairs

SMSU’s Bachelor of Science in Culinology® is the only degree of its kind in the world. Culinology® is the blending of the culinary arts and the science of food. It is defined as “the collaboration between culinary expertise and food science and how this collaboration affects the food we prepare and serve for consumption.” SMSU’s Culinology® program is fully accredited by the Research Chefs Association.

Our Mission
Our task is to support our students in their pursuit of the gold standard in Culinology® education. Culinology® will be a universally recognized discipline, and its practitioners will shape the food industry. SMSU’s mission is to define the future of food through Culinology® and the development of its practitioners. We will train students in developing unique and highly sought after skills, capable of creating new food products from a culinary perspective within a scientific setting. Graduates of SMSU’s Culinology® program will be trained first as a chef, a culinarian, a food focused individual, dedicated to producing the finest possible combination of ingredients to achieve palate-pleasing results. SMSU’s Culinology® graduates will also be a researcher who uses scientific methods and knowledge to insure their creativity can be enjoyed far beyond the confines of their kitchen or laboratory.

A wide variety of job opportunities are available to SMSU graduates. Graduates may go to work with major food manufacturers, custom manufacturing facilities, restaurant chains, etc., in positions such as: Research and Development Chef, TecnoChef®, Product Development Manager, Corporate Chef, Culinary Research and Development Director, Culinary Research Technologist, Savory Lab Manager, Product Formulation Chef, and Manager of Culinology. Culinologists receive holidays and weekends off and make anywhere from $45,000 to $100,000. The starting salary for a SMSU Culinology® graduate is $52,000 in 2008.

Pre-Culinology Requirements:
Students seeking a B.S. in Culinology® must complete the Pre-Culinology® requirements.

Pre-Culinology® requirements for students to be accepted as majors in Culinology® (CULG) are:
1. Complete ENG 101 or otherwise satisfy the ENG 101 requirement.
2. 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 102 (Rhetoric: The Essay)
   c. ENG 103 (Rhetoric: Critical Writing)
   d. SPCH 110 (Essentials of Speaking and Listening)
   e. ECON 201 (Microeconomics)
   f. CHEM 121 (Basic Chemistry)
   g. BIOL 200 (Cell Biology)
   h. Two Courses in a single Foreign Language (Spanish Recommended)
      Completion of two courses in a single foreign language (Spanish or French) satisfies part of the requirement for Humanities and Fines Arts under the Liberal Arts Curriculum, and the Global Perspective (G) requirement of the Minnesota Transfer Curriculum.
3. 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 CULG program.
4. Prior to admission to the CULG program, a student must have earned a cumulative GPA of 2.5 or better within 27 credits of SMSU’s Liberal Arts Curriculum (LAC). No courses outside the LAC will be used to determine the GPA for entry into the CULG major program.
5. The Culinology® faculty relies upon active advising and up-to-date record keeping to ensure that qualified students are admitted as full CULG majors. Students who have not yet met the Pre-Culinology® requirements are provided with advice and guidance to pursue entry into the program.
6. The above pre-Culinology® requirements for admission to the CULG program are separate from SMSU’s Liberal Arts Curriculum (LAC) requirements. All students, including transfer and honor students, who plan to major in Culinology® must meet or exceed the Pre-Culinology® requirements.

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
7. Students in the Honors Program at SMSU may satisfy the Pre-Culinology® requirements for ENG 101, ENG 102 and ENG 103 by completing their approved Honors Curriculum. The other requirements, including 2.d-h and the requirements 3-6 above, must be completed as indicated.

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

I. Culinology® Foundation Courses: (10 credits)

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>CULG 100</td>
<td>Introduction to Culinology®</td>
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<tr>
<td>HOSP 120</td>
<td>Food Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 122</td>
<td>Introduction to Organic Biochemistry</td>
<td>4</td>
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<tr>
<td>BIOL 377</td>
<td>Nutrition</td>
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II. Culinology® Core Courses: (49-50 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<td>CULG 200</td>
<td>Culinary Essentials I</td>
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<tr>
<td>CULG 210</td>
<td>Culinary Essentials II</td>
<td>4</td>
</tr>
<tr>
<td>CULG 250</td>
<td>Introduction to Baking and Pastry</td>
<td>3</td>
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<tr>
<td>CULG 260</td>
<td>Principles of Garde Manger and Buffet</td>
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<tr>
<td>CULG 310</td>
<td>Food Science</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 315</td>
<td>Food, Beverage, and Labor Cost Control</td>
<td>3</td>
</tr>
<tr>
<td>HOSP 325</td>
<td>Menu Design and Service Management</td>
<td>3</td>
</tr>
<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>
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<tr>
<td>CULG 390</td>
<td>Food Products and R&amp;D Methodology</td>
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<tr>
<td>CULG 410</td>
<td>Food Chemistry and Analysis</td>
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<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 Course)</td>
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<tr>
<td>CULG 498/9</td>
<td>Internship</td>
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</tbody>
</table>

Choose one course (2-3 credits) from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 371</td>
<td>Food Microbiology</td>
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<tr>
<td>CULG 300</td>
<td>International Cuisine</td>
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<tr>
<td>CULG 320</td>
<td>Principles of Meat Identification, Fabrication, and Evaluation</td>
<td>2</td>
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<td>CULG 440</td>
<td>Food Trends, Legislation, and Regulations</td>
<td>3</td>
</tr>
<tr>
<td>CULG 460</td>
<td>Quality Assurance of Food Products</td>
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</tbody>
</table>

59-60

CULINOLOGY® COURSES (CULG)

CULG 100 Introduction to Culinology® (1 credit)
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.

CULG 200 Culinary Essentials I (4 credits lecture/lab)
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, vinaigrettes, and reductions as well as soups to include cream, clear and potage soups. Prerequisite: CULG 100.

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
CULG 210 Culinary Essentials II (4 credits lecture/lab)
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. Prerequisite: CULG 200

CULG 250 Introduction to Baking & Pastry (3 credits lecture/lab)
A fundamental course in baking methods and principles, to include yeast breads, quick breads, pastries, pies, cakes, custards, creams, and sauces. Prerequisite: None

CULG 260 Principles of Garde Manger & Buffet (3 credits lecture/lab)
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, canapés, 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. Prerequisite: CULG 210, CULG 250.

CULG 300 International Cuisine (3 credits lecture/lab)
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. Prerequisite: CULG 210.

CULG 310 Food Science (3 credits)
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. Prerequisite: CULG 210, CHEM 122.

CULG 320 Principles of Meat Identification, Fabrication and Evaluation (2 credits lecture/lab)
Students learn the fundamentals of purchasing specifications; receiving, handling, and storing meat; techniques for fabricating cuts for professional kitchens; meat grinding, brining, curing, and smoking; and basic sausage making. Students will also use subjective and objective standards to evaluate beef, lamb, and pork carcasses and wholesale cuts for both quality and yield of edible portion as they relate to value and consumer acceptance. Prerequisite: CULG 210.

CULG 350 Aromatics and Flavors (3 credits lecture/lab)
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. Prerequisite: CULG 210, CULG 310, concurrent registration in CULG 360 is required.

CULG 360 Food Sensory Analysis (3 credits lecture/lab)
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. Prerequisite: CULG 210, CULG 310, concurrent registration in CULG 350 is required.

CULG 390 Food Products Research and Development Methodology (3 credits lecture/lab)
All aspects of new food product development from concept to store shelves will be covered, including market screening; focus groups; idea generation; prototype development; ingredient functionality and interactions; statistical designs for product development; processing; packaging; scale-up of operations; regulatory issues; labeling; physical, chemical, microbiological, and sensory evaluations; quality control procedures; and HACCP plans. Prerequisite: CULG 260, CULG 360.

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
CULG 410 Food Chemistry and Analysis (3 credits lecture/lab)
This course covers methods for quantitative, physical, and chemical analyses of foods and food products. Analytical techniques covered will include spectroscopy, chromatography, mass spectrometry, 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. CULG 310.

CULG 430 Fundamentals of Food Processing (3 credits)
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. Prerequisite: CULG 410.

CULG 440 Food Trends, Legislation, and Regulation. (3 credits)
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. Prerequisite: None.

CULG 450 Advanced Culinary Science (3 credits lecture/lab)
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 strategies will be utilized in this course. Students will demonstrate professional techniques, theory, skills in planning, purchasing, production, and kitchen management learned from prior courses. Prerequisite: Senior Standing.

CULG 460 Quality Assurance of Food Products (3 credits)
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. Prerequisite: Senior Standing.

CULG 490 Product Development [Capstone] (3 credits lecture/lab)
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. Prerequisite: Senior Standing.

CULG 498/499 Internship (3-9 credits)
100 hours per credit hour practical work experience in an 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 or test kitchen. Prerequisite: Junior or Senior Standing.
ECONOMICS

Office: Charter Hall 129, 537-6223
Faculty: Stephen Davis, Raphael Onyeaghala, Gerald Toland, Sangnyeol Jung
Department: Business and Public Affairs

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.

Minor: Economics (27 credits)

A. Business Core Courses (12 credits)
- ACCT 211 Principles of Accounting I .................................................................3
- ACCT 212 Principles of Accounting II ..................................................................3
- ECON 201 Principles of Microeconomics ............................................................3
- ECON 202 Principles of Macroeconomics ............................................................3

B. Required Courses (12 credits)
- ECON 301 Microeconomic Analysis and Policy ...................................................3
- ECON 302 Macroeconomic Analysis and Policy ...................................................3
- ECON 484 Managerial Economics .......................................................................3
- ECON 390 Economic Development .....................................................................3
- OR .........................................................................................................................3
- AGBU 400 International Agricultural Development .........................................3

C. Elective Courses (Minimum of 3 credits)
- ACCT 340 Cost Accounting I ...............................................................................3
- AGBU 400 International Agricultural Development (if not counted above) .......3
- ECON 390 Economic Development (if not counted above) .................................3
- ECON 320 Resource Economics .........................................................................3
- ECON 330 Rural Economics ................................................................................3
- ECON 328 Money and Banking ..........................................................................3
- ECON 380 Public Finance .....................................................................................3
- ECON 470 International Business and Economics ..............................................3

Total Credits 27

ECONOMICS COURSES (ECON)

ECON 110 The Real World of Economics (3 credits)
This course is offered for the nonbusiness/economics major who wishes to examine the economic problems facing the United States. A nonmathematical analysis is presented on such topics as supply and demand; competition, monopoly power, and government regulation; energy and shortages of other vital resources; pollution; the role of government in the economy; taxation; determinants of the level of economic activity; investment; unemployment and inflation; poverty; and international economic problems. This course is not open to business majors. Prerequisite: non-major or consent of instructor.

ECON 201 (LAC, T) Principles of Microeconomics (3 credits)
Principles of Microeconomics (3 credits), A/F, 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 recommended.
ECON 202 (LAC, T) Principles of Macroeconomics (3 credits)
Principles of Macroeconomics (3 credits), A/F, 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 recommended.

ECON 301 Microeconomic Analysis and Policy (3 credits)
A continuation of the study of firms, consumers, efficiency and equity raised in ECON 201. Competition, monopoly and its effects, pricing and price theory are discussed. Prerequisites: MATH 115 or 135 or 140 or 150; and ECON 201, 202.

ECON 302 Macroeconomic Analysis and Policy (3 credits)
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. Prerequisites: MATH 115 or 135 or 140 or 150; and ECON 201, 202.

ECON 310 Manpower Economics and Policy Issues (3 credits)
The course will present basic labor market analysis and manpower policy issues. Prerequisite: ECON 201 or consent of instructor.

ECON 315 Applied Microeconomics: Consumers, Producers, and Markets (3 credits)
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. Prerequisites: ECON 201 and ECON 202.

ECON 320 Resource Economics (3 credits)
Use, availability, control, and conservation of natural resources; analysis of policies to reduce or prevent shortages of fuels, water, and minerals; analysis of agricultural sector and its role in sustainability, including policies to control water and air pollution. Prerequisites: ECON 201, BADM 230; equivalents; or consent of instructor.

ECON 328 Money and Banking (3 credits)
Monetary system and monetary policy, including aggregate economic activity, economic policy and goals, and financial institutions. Prerequisites: ECON 201, 202; or consent of instructor.

ECON 330 Rural Economics (3 credits)
The course will acquaint the student with the problems of rural America and present solutions to these problems. Prerequisites: ECON 201, 202, BADM 230; or consent of instructor.

ECON 380 Public Finance (3 credits)
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. Prerequisites: ECON 201, 202, or consent of instructor.

ECON 390 Economic Development (3 credits)
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. Prerequisites: ECON 201, 202, or consent of instructor.

ECON 394 Directed Study in Economics (3 credits)
Prerequisite: consent of instructor.

ECON 470 International Business and Economics (3 credits)
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. Prerequisites: ECON 201, 202, and consent of instructor.

ECON 484 Managerial Economics (3 credits)
The course studies applications of economic analysis to managerial decision-making, demand analysis, short-range forecasting involving supply-and-demand concepts, cost-benefit analysis; and economic optimization techniques. Prerequisites: MATH 115 or 135 or 140 or 150; BADM 230 or MATH 200 or PSYC 200 or SOCI 200; and ECON 201, 202.

ECON 486 Special Topics in Economics (1-4 credits)
Prerequisite: consent of instructor.
EDUCATION

Office: Individualized Learning 229, 537-7115
Faculty: Michelle Beach, Rhonda Bonnstetter, Wendy Claussen, John Engstrom, Winston Gittens, Jo Anne Glasgow, Jo Anne Hinckley, Sharon Kabes, Dennis Lamb, Verna Nassif, Eleanor Pobre, Lon Richardson, Paulette Stefanick, Deborah Van Overbeke, Tanya Yerigan

Department: Education

The Mission
The mission of the teacher education program at Southwest Minnesota State University is to create communities of practice where each learner is an active participant in the development of learning, teaching, and leadership processes by engagement in inquiry, critical reflection, and study of educational theory, research, and practice in pursuit of excellence.

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 theme, “Communities of Practice Investigating Learning and Teaching.” The student handbook for Teacher Education is available online at www.SouthwestMSU.edu 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 in the second floor of the Individualized Learning Building.

Graduate Courses in Education.
Please see subsections entitled, “Education: Graduate” and “Education: Special Education.”

Programs Offered
The Education Department offers Bachelor of Science degrees in Early Childhood Education (Birth-3). Early Childhood is offered on campus and in off-campus 2-plus-2 distance learning programs. The Department also offers Elementary Education with a specialty in pre-primary education or content specialty 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 year after admission to the 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, 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).

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.

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
Approval by the Teacher Education Screening Committee is required for acceptance into the program. An applicant must meet the criteria listed below:

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 Southwest MN State University. 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 10 semester credits of letter graded non-education courses. To be eligible for this option, the cumulative GPA from all transcripts must be at least 2.0.

NOTE:
   a. The 2.8 cumulative GPA must be maintained for eligibility to student teach.
   b. All “I”, “IP” or “F” grades must be successfully resolved to maintain eligibility for student teaching.
   c. A “C” grade or better must be maintained in all courses including or beginning with the prefix ED.

3. Have completed the following courses (or the equivalents) with a minimum grade of “C”: ENG 102 Rhetoric: The Essay, ENG 103 Rhetoric: Critical Writing, and SPCH 110 Essentials of Speaking and Listening.

4. Present biographical data.

5. Demonstrate competency in written communication by writing an essay 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.

6. Receive two positive recommendations. One Academic Reference Form completed and submitted by a professor in Education or content area. One Classroom Experience Reference Form completed and submitted by a teacher who directly supervised the applicant.

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

8. 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). This can be obtained online at the Education Minnesota website www.educationminnesota.org. 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.

9. Membership in a professional organization relevant to the area of licensure is highly recommended.

10. Submit results of the PRAXIS I Pre-Professional Skills Test (PPST).

11. Students who meet criteria #1-#10 will participate in an interview with the Teacher Education Screening Committee. The committee will use a point system to evaluate materials. Deadlines for the application are posted on the Education website.

Additional Licensure Information

Degreed Student Without Licensure: Degreed students without licensure must meet the admissions criteria given above and be accepted into the program before taking any 300 or 400 level course toward the licensure program. They must also have taken the PRAXIS I exam.

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.

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/K-12 credits from other colleges and universities may request a review of all transcripts at any time.

Praxis Testing: The Minnesota Board of Teaching requires that all applicants for initial teaching licensure in Minnesota shall provide evidence of having successfully completed the Pre-Professional Skills Tests. Students interested in Teacher Education may take this examination any time after enrolling at Southwest Minnesota 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. The Praxis I Pre-Professional Skills Test (PPST) must be taken prior to application to Teacher Education.
2. Both the Praxis I Pre-Professional Skills Test and the Praxis II Pedagogy and Content Examination(s) appropriate to applicant’s major(s) must be passed prior to application for initial teaching licensure.
Application to Student Teaching-All licensures

1. Formal Acceptance to Teacher Education Program/Senior standing.
3. A cumulative GPA of 2.8 and all IP and I, grades satisfactory completed.
4. Degree check completed by Registrar’s office.
5. Positive recommendation from Pre-Student Teaching Experience.
6. 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.SouthwestMSU.edu/ed/student_resources.html

EDUCATION PROGRAM REQUIREMENTS:

Bachelor of Science: Elementary Education, K-6 + Specialty* (81 credits minimum)

1. Elementary Education major core course requirements: (59 credits)

The following courses are taken as a block by incoming freshmen 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 ..............................................................3
ED 102 Technology: Classroom Applications ..........................................................2
ED 212 Human Relations for Teachers .................................................................3

The following course is recommended during the sophomore year:
ED 251 Introduction to Child Growth & Development .........................................3

The following courses may be taken concurrently or after ED 251:
ED 220 Language Arts, Methods, & Assessment: Birth - Grade 8 .......................3
EDSP 290 Introduction to Special Needs and Lab ....................................................3
ED 346 Children’s Literature ..................................................................................2
MATH 127** Concepts of Mathematics (LAC) ....................................................3
MATH 128 Mathematics for Elementary Teachers .................................................3
ART 270 Art Education/Elementary ....................................................................3
MUS 390 Music Fundamentals for Elementary Teachers ......................................1
MUS 392 Elementary School Music Methods and Materials ...............................2
PE 381 Elementary School Physical Education ...................................................2

The following courses may be taken only after the student has been admitted to the Teacher Education Program:
(Refer to the current Teacher Education application packet for information about the application process and criteria.)
The junior mentoring year includes: ED 302, ED 361, ED 363, ED 304, and ED 439.

ED 302 Developmental Reading Methods and Assessment and Lab ..................3
ED 304 Professional Development and Classroom Applications ....................1
ED 345 Social Studies Methods and Assessment/Classroom Management ........3
ED 361 Mathematics Methods and Assessment Lab .........................................3
ED 363 Science Methods Assessment and Lab ..................................................3
HLTH 491 Health Methods and Assessment ......................................................2
ED 439 Action Research/Philosophy of Education ..............................................2

Twelve (12) credits of student teaching are required for a semester-length experience:
(Student teaching includes two placements.)
ED463/464* Student Teaching and Seminar .........................................................12

Total Core Courses: 59*

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

**NOTE: LAC required: MATH 127 Concepts of Mathematics is a prerequisite for MATH 128 Mathematics for Elementary Teachers.
II Elementary Education Specialties

A. Elementary Education Pre-Primary Specialty: Age 3-Grade 6 (22 credits)
ED 275 Foundations: Parent-Child Relationships .........................................................2
ED 315 Play and Creative Activities: Facilitating Child-Centered Learning .................3
ED 318 Kindergarten Methods & Materials .................................................................3
ED 332 EC Lab I: Play and Creative* ...........................................................................1
*(This course is to be taken with ED 315 Play & Creative and will include Infants & Toddlers)
ED 336 EC Lab II: Curriculum, Methods and Assessment Lab** .................................1
**(This course is to be taken with ED 330 Curriculum, Methods and Assessment: Early Childhood)
ED 330 Curriculum, Methods and Assessment: Early Childhood..........................3
ED 455 Leadership Issues in Early Childhood .............................................................3
EDSP 470 Home-School-Community Partnerships in Consultation/Collaboration ......3
HLTH 290 Wellness, Safety and Nutrition: Birth to Grade 3 ....................................3
Total Credits: 22

B. Communication Arts/Literature Specialty: Grades 5-8 (24 credits)
NOTE: LAC required: MATH 127 Concepts of Mathematics is a prerequisite for MATH 128 Mathematics for Elementary Teachers.
The following required Liberal Arts Curriculum courses are the foundation for competencies developed further in the specialty with a minimum grade of “C”:
ENG 102 Rhetoric: The Essay
ENG 103 Rhetoric: Critical Writing
ENG 107 Introduction to Creative Writing
SPCH 110 Essentials of Speaking and Listening
One of the following in the Humanities and Fine Arts Area:
LIT 261 Novel, LIT 262 Short Story, LIT 263 Poetry, LIT 264 World Drama.....................3
Specialty Requirements: (Sophomore-Level Courses)
SPCH 200 Small Group Communication ....................................................................3
SPCH 215 Oral Interpretation .......................................................................................3
Specialty Requirements: (Junior-Level Courses)
ED 404 Middle-Level Communication Arts/Literature Methods ..................................3
ENG 361 Advanced Composition .................................................................................3
ENG 365 Modern Grammar .........................................................................................3
LIT 410 Literacy and Literature for Adolescents .........................................................3
SPCH 330 Mass Media and Society .............................................................................3
Total Credits: 24

C. Mathematics Specialty: Grades 5-8 (24 credits)
NOTE: LAC required: MATH 127 Concepts of Mathematics is a prerequisite for MATH 128 Mathematics for Elementary Teachers.
ED 406 Secondary Math Methods ..............................................................................2
MATH 150 Calculus I (LAC) .........................................................................................5
MATH 151 Calculus II .................................................................................................5
MATH 200 Introduction to Statistics ............................................................................3
MATH 210 Discrete Mathematics ..............................................................................3
Six additional credits in MATH from the following list: ..........................................6
MATH 115 Finite Mathematics ...................................................................................3
MATH 300 Modern Geometry .....................................................................................3
MATH 305 History of Mathematics ............................................................................3
MATH 310 Number Theory .......................................................................................3
MATH 360 Linear Algebra .........................................................................................3
MATH 320 Foundations of Mathematics ....................................................................3
Total Credits: 24
D. Science Specialty: Grades 5-8 (30 credits)

**NOTE:** LAC required: MATH 127 Concepts of Mathematics is a prerequisite for MATH 128 Mathematics for Elementary Teachers.

ED 407 Secondary Science Methods ........................................................................................................... 2

All courses involve 3 credits lecture and 1 credit laboratory study.

**Earth Science (8 credits)**

ENVS 101 Physical Geology and Lab ........................................................................................................... 4

ENVS 102 Historical Geology and Lab ........................................................................................................... 4

**Physical Science (8 credits)**

CHEM 121 Basic Chemistry and Lab ........................................................................................................... 4

PHYS 100 Our Physical Universe and Lab .................................................................................................... 4

**Life Science (12 credits)**

BIOL 200 Cell Biology and Lab .................................................................................................................... 4

BIOL 301 Zoology and Lab ............................................................................................................................ 4

OR ................................................................................................................................................................. 4

BIOL 302 Botany and Lab .............................................................................................................................. 4

ENVS 180 Environmental Science and Lab .................................................................................................... 4

Total Credits: 30

E. Social Science Specialty: Grades 5-8 (39 credits)

**NOTE:** LAC required: MATH 127 Concepts of Mathematics is a prerequisite for MATH 128 Mathematics for Elementary Teachers.

ED 408 Secondary Methods/Social Science .................................................................................................... 3

**Anthropology and Indigenous Nations & Dakota Studies**

ANTH 116 Cultural Anthropology .................................................................................................................... 3

INDS Any INDS course .................................................................................................................................. 3

**Economics**

ECON 201 Principles of Microeconomics ........................................................................................................ 3

**History**

HIST 210 World History in the 20th Century .................................................................................................... 3

HIST 222 Modern America: History of the U.S. from 1865-Present ........................................................................ 3

**Political Science**

POL 117 Introduction to Government and Politics ............................................................................................ 3

**Psychology**

PSYC 101 General Psychology ....................................................................................................................... 3

PSYC 341 Child and Adolescent Psychology .................................................................................................... 3

**Rural and Regional**

RURL 101 Introduction to Geography ............................................................................................................... 3

RURL 341 Environmental History ................................................................................................................... 3

**Sociology**

SOCI 101 Introduction to Sociology .................................................................................................................. 3

SOCI 318 Forces for Social Change ................................................................................................................... 3

OR .................................................................................................................................................................. 3

SOCI 331 Minorities in American Society ........................................................................................................... 3

Total Credits: 39

F. World Languages and Culture-Spanish Specialty: Grades K-8 (22 credits)

**NOTE:** A methods course for teaching Spanish Grades K-8 is required. Please meet with advisors in Education and Spanish if interested in this specialty.

SPAN 201 Intermediate Spanish I ..................................................................................................................... 4

SPAN 202 Intermediate Spanish II .................................................................................................................... 4

SPAN 311 Spanish Composition and Conversation I .......................................................................................... 3

SPAN 312 Spanish Composition and Conversation II .......................................................................................... 3

ED 409 K-12 Methods: World Language/Culture-Spanish .................................................................................. 2

*Choose six (6) credits from the following courses:* ......................................................................................... 6

SPAN 321 Introduction to the Study of 20th Century Literary Movements ......................................................... 3
SPAN 341 Spanish Culture and Civilization ............................................................... 3
SPAN 342 Latin American Culture and Civilization .................................................. 3
SPAN 465 Independent Studies in Spanish ............................................................. 1-3

Total Credits: 22

NOTE: Teacher licensure requirements given in this catalog are subject to change without notice to accommodate the requirements of licensure and accrediting agencies. These changes may be applied to students currently enrolled in the program. Students seeking a teaching license must complete a program approved by the Minnesota Board of Teaching; the University will then recommend that an appropriate license be issued. Students interested in Teacher Education should ask for the most up-to-date information on teaching licensure requirements in the Education Department Office.

Bachelor of Science: Early Childhood Education (76 credits)

I. Required Courses in Education:

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 ............................................................... 3
ED 102 Technology: Classroom Applications ...................................................... 2
ED 212 Human Relations for Teachers ................................................................. 3

The following courses are taken as a block by sophomore students:

Students register for all courses in “01” sections or all courses in “02” sections.

(Transfer students may take them separately if necessary.)

ED 251 Introduction to Child Growth and Development ........................................ 3

The following courses may be taken concurrently with or after ED 251:

ED 220 Language Arts, Methods and Assessment: Birth-Grade 8 ......................... 3
ED 275 Foundations: Parent-Child Relationships .................................................. 2
ED 315 Play and Creative Activities ....................................................................... 3
ED 332 EC Lab 1: Play and Creative ....................................................................... 1
EDSP 290 Introduction to Special Needs and Lab .................................................. 3
ED 346 Children’s Literature .................................................................................. 2
EDSP 470 Home-School-Community: Partnerships in Consultation/Collaboration .... 3
HLTH 290 Wellness, Safety and Nutrition from Birth to Grade 3 ........................... 3
SOCI 211 Marriage and Family .............................................................................. 3

The following courses are taken after the student has been admitted to the Teacher Education Program:

(See the Teacher Education application packet for admission process and criteria.)

ED 302 Developmental Reading Methods and Assessment and Lab ....................... 3
ED 304 Professional Development and Classroom Applications .......................... 1
ED 330 Curriculum, Methods and Assessments: Early Childhood ....................... 3
ED 336 ECE Lab 2: Curriculum, Methods and Assessment .................................... 1
ED 345 Social Studies Methods and Classroom Management and Lab .................. 3
ED 361 Mathematics Methods and Assessment and Lab ...................................... 3
ED 363 Science Methods and Assessment and Lab ................................................ 3
ED 439 Action Research/Philosophy of Education .................................................. 2
ED 442 Creating Community in Early Childhood Environments ........................... 3
ED 455 Leadership Issues in Early Childhood ...................................................... 3
ED 456 Leadership Issues Internship ..................................................................... 2
ED 331 Infants and Toddlers .................................................................................. 3

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

ED 462 Early Childhood Education Student Teaching: Birth-Grade 3 .................... 12

Total Credits: 76
### Secondary Education Majors: K-12 or 5-12 Licensure (39-42 credits)

#### Secondary Majors: K-12 or 5-12 Licensure (39-42 credits)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>ED 101</td>
<td>Introduction to Education and Lab (Fall and Spring)</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>ED 102</td>
<td>Technology: Classroom Applications (Fall and Spring)</td>
<td>2</td>
</tr>
<tr>
<td>Communications</td>
<td>ED 212</td>
<td>Human Relations for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>Health</td>
<td>HLTH 225</td>
<td>Alcohol, Narcotics and Tobacco (Fall and Spring)</td>
<td>2</td>
</tr>
<tr>
<td>Music</td>
<td>EDSP 290</td>
<td>Introduction to Special Needs and Lab</td>
<td>3</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>PSYC 341</td>
<td>Child and Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>ED 301</td>
<td>The Teaching and Learning Process and Lab (Fall and Spring)</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>ED 304</td>
<td>Professional Development &amp; Classroom Applications</td>
<td>12</td>
</tr>
</tbody>
</table>

#### Professional Secondary Education Sequence: (39-42 credits)

- **ED 101**: Introduction to Education and Lab (Fall and Spring) 3
- **ED 102**: Technology: Classroom Applications (Fall and Spring) 2
- **ED 212**: Human Relations for Teachers 3
- **HLTH 225**: Alcohol, Narcotics and Tobacco (Fall and Spring) 2
- **EDSP 290**: Introduction to Special Needs and Lab 3
- **PSYC 341**: Child and Adolescent Psychology 3
- **ED 301**: The Teaching and Learning Process and Lab (Fall and Spring) 3
- **ED 304**: Professional Development & Classroom Applications 12

**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: (3-6 credits)

- **ED 405**: Secondary Methods: Language Arts (Fall) 3
- **ED 406**: Secondary Methods: Mathematics (Spring) 3
- **ED 407**: Secondary Methods: Science (Spring) 3
- **ED 408**: Secondary Methods: Social Science (Fall) 3
- **ED 409/509**: K-12 Methods: World Languages and Cultures-Spanish (Spring) 4
- **HLTH 492**: Organization and Methods: Health Education (Spring) 3
- **MUS 392**: Elementary School Music Methods and Materials 2
- **MUS 393**: Secondary School Music Methods and Materials (Every 2 years) 2
- **PE 401**: K-12 Special Methods: Physical Education (Fall) 3

**Total Credits:** 37-40

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

See descriptions listed under program areas of the online catalog. See the Education Department for requirements for Social Science, General Science, and World Languages and Culture-Spanish licensure requirements.

**NOTE:** Teaching reading in the content areas is a new licensure requirement of the State of Minnesota. See Education Department for further details.

### Minor: Special Education (18 Credits)

This is a non-licensure minor that may lead to teaching licensure in Special Education.

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

- **EDSP 290**: Introduction to Special Needs and Lab 3
- **EDSP 400**: Field Experience in Special Education* 0-4

* (May be needed for transfer students without a lab experience.)
EDUCATION COURSES (ED)

ED 101 Introduction to Education and Lab (3 credits)
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 a 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.

ED 102 Technology: Classroom Applications (2 credits)
The focus of this course is educations 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.

ED 212 Human Relations for Teachers and Lab (3 credits)
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. A fifteen (15) hour lab component will engage students directly in a diverse setting.

ED 220 Language Arts, Methods, and Assessment (3 credits)
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. Prerequisites: ED 101 and 102.

**ED 251 Introduction to Child Growth and Development (3 credits)**
An introductory study in child growth and development from conception through age 14, with emphasis on teaching applications, student diversity and pertinent topics associated with alcohol, tobacco, eliciting drug use including possible effects on prenatal development through adolescence.

**ED 275 Foundations: Parent-Child Relationships (2 credits)**
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.

**ED 286 Special Topics in Education (1-4 credits)**
This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course. Prerequisite: consent of instructor.

**ED 292 Honors Credit in Education (1-3 credits)**
An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other Education course. Prerequisite: consent of department.

**ED 296 Workshop in Education (1-4 credits)**
Special workshops created and designed according to the needs of the participants. Offered in different formats and time spans.

**ED 301 The Teaching and Learning Process and Lab (3 credits)**
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. Prerequisites: Admission to the Teacher Education Program.

**ED 302 Developmental Reading Methods and Assessment (3 credits)**
This course addresses 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.

**ED 304 Professional Development and Classroom Applications (1 credit)**
This elective course will help the teacher education student begin a plan for professional development. A portfolio will be an ongoing project of the course, as well as discussions and activities related to preparing for teacher professional preparation. Students taking this course will complete their pre-student teaching experience (Elementary and Secondary Education majors) for ten (10) full days or will take this course concurrently with ED 456 Leadership Issues Internship (Early Childhood majors). Prerequisite: Admission to Teaching Education Program.

**ED 315 Play and Creative Activities: Facilitating Child-Centered Learning (3 credits)**
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. Prerequisites: completion of ED 101 and 102. Concurrent enrollment in ED 332 Early Childhood Lab 1 is required.

**ED 318 Kindergarten Methods (3 credits)**
A study of effective kindergarten teaching methods and materials for a modern program; involves classroom experience and production of materials. Prerequisite: Admission to Teaching Education Program or prior teaching degree.

**ED 330 Curriculum, Methods and Assessment: Early Childhood (3 credits)**
One of two early childhood courses that focus on curriculum; this offering builds on the knowledge, skills, and dispositions of other required methods courses. Various developmentally appropriate and best practice curricula in the field of early childhood education, in which instructional strategies, theories of curriculum development, and integrated curriculum from 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. Prerequisites: completion of ED 315, ED 332, and concurrent enrollment in ED 336.

**ED 331 Infants & Toddlers (3 credits)**
Develops identification, assessment, and programming of infants and young children. Experience with a variety of assessment tools, intervention strategies, and integrated educational settings will be given.
ED 332 Early Childhood Lab I: Play and Creative (1 credit)
For this junior-level field experience students will be placed in either a kindergarten or pre-kindergarten/preschool classroom setting for a minimum of 30 hours. Students will be in the same setting for ED 336 Lab the following semester. Opportunities to interact with young children to facilitate their growth and development through play and creative/expressive activities are the heart of this experience. Prerequisites: completion of ED 101, 102 and completion of or concurrent enrollment in ED 251. To be taken concurrently with ED 315 or with consent of instructor.

ED 336 Early Childhood Lab II: Curriculum, Methods, and Assessment (1 credit)
For this junior level field experience students will be placed in either a kindergarten or pre-kindergarten/preschool classroom setting for a minimum of 30 hours. Students will have been in the same setting for the ED 332 lab the previous semester. Prerequisites: ED 101, 102, 315, 332 and completion of or concurrent enrollment in ED 251, EDSP 290. To be taken concurrently with ED 330 or with consent of instructor.

ED 345 Social Studies Methods and Assessment/Classroom Management/Lab (3 credits)
This course includes the study of teaching strategies and assessments for social studies concepts at the pre-primary, kindergarten and elementary levels for K-6 diverse learners. This course also includes a study of classroom management strategies and team planning and teaching with multi-age grouping for K-6 diverse learners. Elementary education majors team-plan and team-teach content and skill objectives during a special two-day 'lab experience’ in a nearby elementary school for K-6 diverse learners. Prerequisites: Admission to Teacher Education Program.

ED 346 Children’s Literature (2 credits)
This course includes teaching strategies and assessment of children’s literature for pre-primary, kindergarten, and elementary levels with an emphasis on diversity. Prerequisites: Taken prior to or concurrently with ED 302 Developing Reading Methods, and Admission to the Teacher Education Program.

ED 361 Mathematics Methods and Assessment (3 credits)
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. Prerequisite: ED 302, Admission to Teacher Education Program.

ED 363 Science Methods and Assessment and Lab (3 credits)
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. Prerequisite: ED 302, Admission to Teacher Education Program.

ED 404 Middle Level Communication Arts/Literature Methods (3 credits)
An introduction to the special literacy needs of middle level students with specific focus on reading, writing, speaking, and listening methods for middle school teachers. The course will provide 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 middle level students will be studied. Five classroom visits are included in the course. Prerequisite: Admission to Teacher Education Program.

ED 405 Secondary Methods: Language Arts (3 credits)
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. Prerequisite: ED 301, Admission to Teacher Education Program.

ED 406 Secondary Methods: Mathematics (2-3 credits)
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. Prerequisite: ED 301 Admission to Teacher Education Program.

ED 407 Secondary Methods: Science (2-3 credits)
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. Prerequisite: ED 301, Admission to Teacher Education Program.

ED 408 Secondary Methods: Social Science (3 credits)
Study of rationale, curriculum, and special methods relevant to teaching the social sciences to diverse students grades 5-12. Five classroom visits are included in the course.
course. Prerequisite: ED 301, Admission to Teacher Education Program.

ED 409/509 K-12 Methods: World Languages and Cultures—Spanish (2-4 credits)
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. Prerequisites: ED 301 and at least one Spanish class at the 300 level, Admission to Teacher Education Program.

ED 430 Reading in the Content Areas (2 credits)
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. Prerequisite: Admission to Teacher Education Program.

ED 439 Action Research/Philosophy of Education (2 credits)
Students will prepare their philosophy of education for their working portfolio, and present it in an exit interview. Students will use the inquiry process to investigate a curriculum, school, or community topic. Under the guidance of the University instructor and school personnel, students will 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. Prerequisite: Admission to Teacher Education Program.

ED 442 Creating Community in Early Childhood Environments (3 credits)
Topics included in this course will be related to creating and maintaining a classroom climate—physical (indoors and outdoor), social, emotional, and intellectual— conducive to child development and learning. Theory and appropriate practice from the following areas will be included: discipline and guidance, self-learning space, and contemporary issues. Approaches for ‘bringing the community in’ to the classroom/program and for reaching out into the community will be explored. Students will have the opportunity to evaluate an environment using a valid and reliable instrument.

ED 446/546 Advanced Developmental Reading Methods and Research (3 credits)
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 447/547 Teaching of Literacy (3 credits)
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.

ED 450/550 Reading Assessment and Evaluation (3 credits)
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 background and skills. Prerequisite: ED 446/546.

ED 451/551 Practicum in Reading Instruction (3 credits)
This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students. Prerequisite: ED 446/546, and concurrent enrollment in or previous completion of ED 450/550.

ED 455 Leadership Issues in Early Childhood (3 credits)
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.

ED 456 Leadership Issues Internship (2 credits)
Students will complete a supervised field experience in an agency that serves young children and their families. Placement of 60 hours will be scheduled. Students will have opportunities to understand the infrastructure of the Early Childhood field and to demonstrate professional and ethical behaviors.

ED 459 Pre-Internship (2-4 credits)
This field experience is designed to integrate theory and practice for pre-service teachers. The intern is placed with a master teacher for varying lengths of time to demonstrate program outcomes. The pre-internship takes place the semester before the student teaching or internship experience. Two credits represents two days per week in the school; three credits represents three days per week; four credits represents four or five days per week in the school. Prerequisites: senior standing; application/admission to the Education Program.
ED 462 Early Childhood Education (ECE)  
Birth–Grade 3 Student Teaching (12 credits)  
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 final conference.

ED 463 Pre-K–Grade 6 Student Teaching (12 credits)  
A supervised semester-long field experience in pre-Kindergarten through 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 final conference.

ED 464 K–8 Student Teaching (12 credits)  
A supervised semester-long field experience in Kindergarten through Grade 8 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at final conference.

ED 465 Student Teaching (12 credits)  
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 final conference. Prerequisite: Permission of the Teacher Education Program.

ED 466 K-12 Student Teaching (12 credits)  
A supervised semester-long field experience, required for K-12 licensure fields, in Kindergarten through Grade 12 classrooms, evaluated by a classroom supervisor and a University supervisor. Students demonstrate Teacher Education program outcomes and present a portfolio at final conference.

ED 467 Advanced Student Teaching (6 credits)  
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.

ED 468 Advanced Practicum (6 credits)  
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.

ED 469 Secondary (5-12) Student Teaching (12 credits)  
A supervised semester-long field experience in Grade 5 through Grade 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 at final conference.

ED 486/586 Special Topics in Education (1-4 credits)  
This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course. Prerequisite: consent of instructor.

ED 488 Assistantship (1-3 credits)  
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. Prerequisite: consent of instructor.

ED 490 Peer Coaching (1-2 credits)  
Peer coaches will participate with Education Department faculty in team planning and teaching of peers. This may include pre-conferencing, observing, writing feedback and post-conferencing during field experiences for education students.

ED 492/592 Organization and Administration of Reading Programs (3 credits)  
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. Prerequisites: ED 451/551.

ED 494 Independent Study (1-4 credits)  
This course allows students to do an in-depth, independent study exploration for a better understanding of a particular area of education. Prerequisite: consent of instructor.

ED 499 Internship - Field Experience - Field Study (1-12 credits)  
Field experience designed by the requesting student and the faculty member who has agreed to help structure and supervise the experience. Prerequisites: application, junior standing.

SPECIAL EDUCATION COURSES (EDSP)  
EDSP 286/486/586 Special Topics in Special Education (1-4 credits)  
This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course. Prerequisite: consent of instructor.

EDSP 290 Introduction to Special Needs and Lab (3 credits)  
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, early intervention, 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.

**EDSP 400/500 Lab (0-4 credits)**
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 credit (undergraduate or graduate) in different settings. Prerequisite: consent of instructor.

**EDSP 403/503 Behavioral Theories and Practices in Special Education (3 credits)**
A dynamic course in the assessment and management of the behaviors of children and youth in educational settings. Prerequisites: EDSP 290.

**EDSP 423/523 Content Methods, Materials, & Technologies for Special Education (3 credits)**
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. Prerequisites: EDSP 290.

**EDSP 440/540 Assessment (2 credits)**
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. This course is intended to be taken with or prior to an assessment lab in a chosen specialty, including a choice of EDSP 4/541, 4/542, 4/543, 4/544, or PE 445.

**EDSP 441/541 Assessment Lab: Developmental Disabilities (DD) (1 credit)**
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of students with developmental disabilities, K-12. Pre- or co-requisite: EDSP 440/540.

**EDSP 442/542 Assessment Lab: Early Childhood Special Education (ECSE) (1 credit)**
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of young children, birth to 6 years old. Pre- or co-requisite: EDSP 440/540.

**EDSP 443/543 Assessment Lab: Emotional Behavioral Disorders (EBD) (1 credit)**
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of students with emotional behavioral disorders, K-12. Pre- or co-requisite: EDSP 440/540.

**EDSP 444/544 Assessment Lab: Learning Disabilities (LD) (1 credit)**
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of students with learning disabilities, K-12. Pre- or co-requisite: EDSP 440/540.

**EDSP 470/570 Home-School-Community: Partnerships in Consultation/Collaboration (3 credits)**
An exploration of the principles, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, educational settings, the community, and society as a whole. Family systems theory, children with special needs, and cross-cultural sensitivity are included. Prerequisite: EDSP 290.

**EDSP 480/580 Legal/Professional Issues in Special Education (3 credits)**
This course provides an in-depth study of the philosophical foundations, legal bases, and a historical background of special education. An overview of disabling conditions and their implications; the availability of resources; and advocacy. Prerequisite: EDSP 290.

**EDSP 494 Independent Study (1-4 credits)**
This course allows students to do an in-depth, independent exploration of a topic for a better understanding in the field of special education. Prerequisite: consent of instructor.

**EDSP 499 Internship (1-6 credits)**
This course involves on-the-job experience. It requires discussions 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. Prerequisite: consent of instructor.

**HEALTH COURSES (HLTH)**

**HLTH 491 Elementary Health Methods and Assessment (2 credits)**
The course presents an integrated approach with intellectual, physical, psychological, social, and spiritual dimensions relating to learning experiences that increase the abilities of diverse students to make positive lifestyle choices affecting their personal, family, and community well-being. Prerequisite: Admission to Teacher Education Program.
EDUCATION: GRADUATE PROGRAM

Office: Individualized Learning 153, 537-7030
Faculty: John Engstrom, Rhonda Bonnstetter, Winston Gittens, Jo Anne Glasgow, JoAnne Hinckley, Sharon Kabes, Dennis Lamb, Verna Nassif, Eleanor Pobre, Lon Richardson, Paulette Stefanick, Deborah Van Overbeke, Tanya Yerigan

Department: Education

The Education Department offers the Master of Science (MS) with a major in education and emphases in Teaching, Learning, and Leadership; Reading, English; and Sports Leadership. Please visit the SMSU Graduate Web site: http://www.southwestmsu.edu/CampusLife/GraduateOffice/ or contact Graduate Admissions at 1-800-642-0684, ext. 6819 or dahlager@southwestmsu.edu for additional information.

The program is offered in three formats:
• On-campus: Teaching, Learning, and Leadership; Reading, and Sports Leadership emphases
• Off-campus Learning Community (LC): Teaching, Learning, and Leadership emphasis
  (see Learning Community information following course descriptions)
• Online/Blended: Master of Science in Education with an emphasis in English

I. THE VISION
Communities of practice investigating teaching and learning.

II. THE MISSION
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.

III. MASTER OF SCIENCE: EDUCATION (34-35 Total Credits)
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
ED 621 Critical Theory of Educational Systems .................................................................3
ED 622 Applied Research and Assessment in Education ......................................................3
ED 623 Professional Planning and Assessment ....................................................................2
ED 624 Action Research: Project Design ..............................................................................3
ED 625 Research Based Analysis of Teaching and Learning ..............................................3
ED 626 Democracy, Diversity, and Leadership ....................................................................3
ED 627 Action Research: Project Implementation ...............................................................1-2

B. Professional Field Emphasis: 15-16 credits (Select one emphasis.)
1. Professional Field Emphasis in Teaching, Learning, and Leadership: 15 Credits
   The Teaching, Learning, and Leadership emphasis is appropriate for licensed teachers, community or technical instructors, and individuals with bachelor’s degrees who wish to pursue graduate coursework in education. This emphasis provides educators with an in depth understanding and practical application of teaching, learning, and leadership processes through research-based coursework.
   ED 631 Professional Development through Collegial Interaction ....................................3
   ED 632 Linking Pedagogy and Content .............................................................................3
   ED 633 Current Issues in Education ..................................................................................3
   ED 634 Educators as Change Agents ...............................................................................3
   ED 635 Content and Curriculum Development ..............................................................3

2. Professional Field Emphasis/K-12 Licensure in Reading: 15 credits
   The reading emphasis, added to a current teaching license, will increase knowledge and skills in research-based reading practices. The licensure prepares participants to be reading experts in schools and to teach reading to K-12 students.

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
3. Professional Field Emphasis in English: 16 credits

The English emphasis is appropriate for licensed English/Language Arts teachers, two-year college instructors, and people with bachelor’s degrees in English who wish to pursue graduate coursework. This emphasis allows students to add content and depth to their knowledge of literature and composition through research-based coursework. The Masters in Science: Education with an emphasis in English is offered with online/blended courses.

- LIT 570 World Literature ................................................................. 4
- LIT 522 British Literature Survey .......................................................... 4
- ENG 575 Rhetoric, Literacy, and the Teaching of Writing ...................... 4
- LIT 532 American Literature Survey ..................................................... 4

4. Professional Field Emphasis in Sports Leadership: 15 credits

The sports leadership emphasis, designed for teachers or degree holders interested in various sports roles in schools or higher education, will increase knowledge and skills in teaching/coaching, leadership/management, or sales/marketing.

a. Required courses (6 credits) .......................................................... 6
- PE 578 Recreation and Sport Management ........................................ 3
- PE 588 Legal Aspects in Recreation and Sport
  OR MBA 560 Legal Environment of Management ................................ 3

b. Sports Leadership Strands (Select three courses from one strand) (9 credits) .................................................. 9

Coaching and Teaching Strand
- PE 550 Practicum in Teaching ............................................................... 3
- PE 584 Planning Facilities for Physical Activities ................................. 3
- PE 585 Biomechanical Analysis of Movement ..................................... 3
- MBA 550 Staffing, Training and Development ....................................... 3
- ED 680 Organizational Management and Leadership in Academic Settings . 3

Leadership and Management Strand
- MBA 503 Organizational and Managerial Behavior ............................. 3
- MBA 510 Interpersonal and Managerial Skills in Organization ............... 3
- MBA 550 Staffing, Training and Development ....................................... 3
- MBA 551 Leadership and Team Management ......................................... 3

Sales and Marketing Strand
- PE 589 Sports Marketing, Promotions, Consumer Behavior ................ 3
- MBA 507 Strategic Marketing Management .......................................... 3
- MBA 511 Integrated Marketing Communications Management .............. 3
- MBA 541 Graduate Marketing Research .............................................. 3

IV. ADMISSION REQUIREMENTS

Application Materials

- Completed application form and $20.00 (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.
  What is an official transcript? The official transcript has the seal of the university and the signature of the registrar. Please contact the university or college from which you received your bachelor’s degree and ask them to send your official transcript to the Graduate Admission Office at Southwest Minnesota State University. Most universities and colleges charge a small fee for this service.
- Two letters of recommendation, with one from a person (a university professor, administrator, or professional colleague who has reviewed the work of the candidate over an extended time) who is qualified to discuss the academic potential of a candidate.

Effective 07/01/08

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• A letter of application that indicates qualifications and career objectives (one or two pages; double-spaced, word-processed). How will this master’s program contribute to your professional growth? Address the letter to the Director of Graduate Education.

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.
• Free Application for Federal Student Aid (FAFSA)
• SMSU Application for Financial Aid

Ideally, these forms should be completed at least two months before the first week of class. The forms are available on the SMSU website at www.southwestMSU.edu or by contacting the Financial Aid Office toll-free at 1-800-642-0684.

Immunization Records
• Graduate Students are required to complete and return to SMSU the Immunization Record for Students Attending Post-Secondary Schools in Minnesota (even at off-campus sites). This is a self-report form. If you were born before 1957 and/or have complied at another Minnesota post-secondary school, you may sign the form and return it immediately. Submission of this form is a condition of your continued enrollment.

Registration
• A completed Application Form
• A completed Admission Requirement Checklist
• After a candidate has completed the admissions requirements they will receive a Mustang ID number and a PIN number. These numbers are used to register on the SMSU Web site at www.SouthwestMSU.edu

Additional Requirements
• 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.
• An academic Vita or Resume (to include: Education; Professional Experience; Professional Appointments; Awards/Honors; Service Activities; Professional and Academic Memberships; and Community Service Activities).
• A copy of your teaching license is required for the Reading Emphasis and the Special Education program.

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 nine (9) 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.SouthwestMSU.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).

Master of Science: Education, On-Campus Course Sequence

SEMESTER ONE (CREDITS)
Teaching, Learning & Leadership Emphasis
ED 621 Critical Theory of Educational Systems (3)
ED 631 Professional Development Through Collegial Interaction (3)

Reading Licensure Emphasis
ED 621 Critical Theory of Educational Systems (3)
ED 546 Advanced Developmental Reading Methods & Research (3)

Sports Leadership Emphasis
ED 621 Critical Theory of Educational Systems (3)
PE 578 Recreation and Sport Management (3)

English Emphasis
ED 621 Critical Theory of Educational Systems (3)
LIT 570 World Literature (4)

SEMESTER TWO (CREDITS)
Teaching, Learning & Leadership Emphasis
ED 622 Applied Research and Assessment in Education (3)
ED 632 Linking Pedagogy, and Content (3)

Reading Licensure Emphasis
ED 622 Applied Research and Assessment in Education (3)
ED 550 Reading Assessment and Evaluation (3)
ED 551 Differentiated Reading Instruction (3)

Effective 07/01/08

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Sports Leadership Emphasis
ED 622  Applied Research and Assessment in Education (3)
ED XXX  Sports Leadership Course (3)

English Emphasis
ED 622  Applied Research and Assessment in Education (3)
LIT 522  British Literature Survey (4)

SUMMER SESSION (CREDITS)
Teaching, Learning & Leadership Emphasis
ED 633  Current Issues in Education (3)
ED 624  Action Research: Project Design (3)

Reading Licensure Emphasis
ED 592  Organization & Admin. of Reading Programs (Interim Session) (3)
ED 547  Teaching of Literacy (3)
ED 624  Action Research: Project Design (3)

Sports Leadership Emphasis
ED 624  Action Research: Project Design (3)
ED XXX  Sports Leadership Course (3)

English Emphasis
ED 623  Professional Planning and Assessment (2)
ED 624  Action Research: Project Design (3)

SEMESTER THREE (CREDITS)
Teaching, Learning & Leadership Emphasis
ED 623  Professional Planning and Assessment (3)
ED 625  Research Based Analysis of Teaching and Learning (3)
ED 634  Educators as Change Agents (3)

Reading Licensure Emphasis
ED 623  Professional Planning and Assessment (3)
ED 625  Research Based Analysis of Teaching and Learning (3)

Sports Leadership Emphasis
ED 623  Professional Planning and Assessment (3)
ED 625  Research Based Analysis of Teaching and Learning (3)
ED XXX  Sports Leadership Course (3)

English Emphasis
ED 625  Research Based Analysis of Teaching and Learning (3)
ENG 575  Rhetoric, Literacy, and the Teaching of Writing (4)

SEMESTER FOUR (CREDITS)
Teaching, Learning & Leadership Emphasis
ED 626  Democracy, Diversity, and Leadership (3)
ED 627  Action Research: Project Implementation (1-2)*
ED 635  Content and Curriculum Development (3)

Reading Licensure Emphasis
ED 626  Democracy, Diversity, and Leadership (3)
ED 627  Action Research: Project Implementation (1-2)*

Sports Leadership Emphasis
ED 626  Democracy, Diversity, and Leadership (3)
ED 627  Action Research: Project Implementation (1-2)*
ED 588  Legal Aspects in Recreation & Sport Management (3)
OR
MBA560  Legal Environment of Management (3)

English Emphasis
ED 626  Democracy, Diversity, and Leadership (3)
ED 627  Action Research: Project Implementation (1-2)*
LIT 532  American Literature Survey (4)

* Variable 1-2 credits
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:
   a. 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.
   b. 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.
   c. 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.

Effective 07/01/08

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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.

Master of Science: Education, Off-Campus Learning Community Course Sequence
Begins late August/Early September

SEMIEMTER I (CREDITS)
ED 621 Critical Theory of Education Systems (3)
ED 625 Research Based Analysis of Teaching (3)
ED 632 Linking Pedagogy & Content (3)

SEMIEMTER II (CREDITS)
ED 622 Applied Research & Assessment (3)
ED 623 Professional Planning and Assessment (2)
ED 633 Current Issues in Education (3)

SEMIEMTER III (CREDITS)
ED 624 Action Research-Project Design (3)
ED 626 Democracy, Diversity, & Education (3)
ED 631 Professional Development through Collegial Interaction (3)

SEMIEMTER IV (CREDITS)
ED 627 Action Research: Project Implementation (2)
ED 634 Educators as Change Agents (3)
ED 635 Content & Curriculum Development (3)

TOTAL OF 34 CREDITS
PROFESSIONAL EDUCATION CORE (19 credits)

ED 621 Critical Theory of Education Systems (3 credits)
Students will identify and critically analyze a variety of cultural and historical influences, theories, knowledge and belief systems which shape educational organizations.

ED 622 Applied Research and Assessment in Education (3 credits)
Students will learn and apply education research and assessment as a means of analyzing and improving teaching and the learning of content. Students will use their findings to enhance the scholarship of teaching and learning.

ED 623 Professional Planning and Assessment (2 credits)
Students create a portfolio to reflect their professional growth and development. The portfolio will be an accurate portrayal of who they are as educators.

ED 624 Action Research: Project Design (3 credits)
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.

ED 625 Research Based Analysis of Teaching (3 credits)
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.

ED 626 Democracy, Diversity and Education (3 credits)
Students will critically examine culturally embedded beliefs, knowledge, practices, and organizational structures and processes to determine their appropriateness in a democratic society.

ED 627 Action Research: Project Implementation (variable credits; 1-2 credits)
Students implement and complete their action research project.

PROFESSIONAL FIELD EMPHASIS:

PROFESSIONAL FIELD EMPHASIS IN TEACHING, LEARNING AND LEADERSHIP (15-16 CREDITS)
The Teaching, Learning, and Leadership emphasis is appropriate for licensed teachers, community or technical instructors, and individuals with bachelor’s degrees who wish to pursue graduate coursework in education. This emphasis provides educators with an in depth understanding and practical application of teaching, learning, and leadership processes through research-based coursework.

ED 631 Professional Development Through Collegial Interaction (3 credits)
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.

ED 632 Linking Pedagogy and Content (3 credits)
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 professional practice knowledge in the content area as they build a knowledge base of educational research, theory and practice.

ED 633 Current Issues in Education (3 credits)
Students will research and review literature on a variety of current issues, trends, and reform efforts in education.

ED 634 Educators as Change Agents (3 credits)
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.

ED 635 Content and Curriculum Development (3 credits)
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.
PROFESSIONAL FIELD EMPHASIS IN READING (15 CREDITS)
The reading emphasis, added to a current teaching license, will increase knowledge and skills in research-based reading practices. The licensure prepares participants to be a reading expert in schools and to teach reading to K-12 students.

ED 546 Advanced Developmental Reading Methods and Research (3 credits)
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 547 Teaching of Literacy (3 credits)
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.

ED 550 Reading Assessment and Evaluation (3 credits)
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 background and skills. Prerequisite: ED 546

ED 551 Practicum in Reading Instruction (3 credits)
This practicum provides students the opportunity to apply effective reading practices with elementary, middle level, and high school students. Prerequisite: ED 546, and concurrent enrollment in or previous completion of ED 550.

ED 592 Organization and Administration of Reading Programs (3 credits)
This course will focus on current research, trends, issues, federal and state initiatives, legislation and resources relation 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 change strategies. Prerequisite: ED 551

PROFESSIONAL FIELD EMPHASIS IN ENGLISH (16 CREDITS)
The English emphasis is appropriate for licensed English/Language Arts teachers, two-year college instructors, and people with bachelor’s degrees in English who wish to pursue graduate coursework. This emphasis allows students to add content and depth to their knowledge of literature and composition through research-based coursework. The Masters in Science: Education with an emphasis in English is offered online only.

LIT 570 World Literature (4 credits)
This course in World Literature covers works from a variety of periods and countries. Selected topics may include different genres of literature as well as literature from different countries written by member of diverse ethnic groups. Consult the semester class schedule for the selected topic during a given term. Prerequisites: Bachelor’s degree in English or related field.

LIT 522 British Literature Survey (4 credits)
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. This class examines all the genres, but focuses primarily on poetry, drama, and fiction. Prerequisites: Bachelor’s degree in English or related field.

ENG 575 Rhetoric, Literacy, and the Teaching of Writing (4 credits)
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. Prerequisites: Bachelor’s degree in English or related field.

LIT 532 American Literature Survey (4 credits)
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. Prerequisites: Bachelor’s degree in English or related field.
PROFESSIONAL FIELD EMPHASIS IN SPORTS LEADERSHIP (15 CREDITS)
The sports leadership emphasis, designed for teachers or degree holders interested in various sports roles in schools or higher education, will increase knowledge and skills in teaching/coaching, leadership/management, or sales/marketing.

REQUIRED COURSES (6 CREDITS):

PE 578 Recreation and Sport Management (3 credits)
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 settings. The students 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 resources management and financing the sport enterprise.

CHOOSE ONE OF THE FOLLOWING TWO COURSES:

PE 588 Legal Aspects in Recreation and Sport (3 credits)
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, right to participate, sexual harassment and abuse, and other legal aspects of recreation and sport.

MBA 560 Legal Environment of Management (3 credits)
Examines the role and impact of governmental, legal, and social systems upon organizations and managerial decision-making. Emphasis is placed upon the challenges with legal and social issues. Objectives include an understanding of employer/employee rights and responsibilities, general tort and product liabilities, and environmental and other regulatory law requirements.

SPORTS LEADERSHIP STRANDS
(Select three courses from one strand) 9 credits

COACHING AND TEACHING STRAND:

PE 550 Practicum in Teaching (3 credits)
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 proving mentorship.

PE 584 Planning Facilities for Physical Activities (3 credits)
The student’s 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 student’s 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.

PE 585 Biomechanical Analysis of Movement (4 credits)
A study of the mechanisms underlying human motion. The course will apply biomechanical principles to the analysis of movement. Students will gain advanced experience in the techniques of cinematography and other methods of analysis. Prerequisite: PE 385 Kinesiology II or equivalent.

MBA 550 Staffing, Training and Development (3 credits)
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.

LEADERSHIP AND MANAGEMENT STRAND:

MBA 503 Organizational and Managerial Behavior (3 credits)
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.

MBA 510 Interpersonal and Managerial Skills in Organization (3 credits)
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.

**MBA 550 Staffing, Training and Development (3 credits)**
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.

**MBA 551 Leadership and Team Management (3 credits)**
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.

**SALES AND MARKETING STRAND:**

**PE 589 Sports Marketing, Promotions, Consumer Behavior (3 credits)**
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 for strategic sports marketing the student will design two graduate level projects in this area. Prerequisite: PE 301.

**MBA 507 Strategic Marketing Management (3 credits)**
Stresses analysis, planning, implementation, and control of an integrated marketing program with special attention to product development, pricing, promotion, and distribution.

**MBA 511 Integrated Marketing Communications Management (3 credits)**
Historically, promotional forms have been separated between personal selling and the remaining elements of advertising, public relations and sales promotion. In recent years, most firms have experienced significant cost savings by combining all four elements to maximize the return on the invested promotional dollars. The linkage of the sales function with promotional activities enhances the effectiveness of the salesperson while creating a common linkage with all other marketing functions within the firm.

This course will offer the greatest level of detail in allocating time and resources between the various promotional options of any marketing courses offered at SMSU. Prerequisite: MBA 507.

**MBA 541 Graduate Marketing research (3 credits)**
The marketing concept has always focused on meeting the customer’s needs. Those needs, in order to be properly fulfilled, must be predicated 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 hands-on experience in developing an understanding of research principles. Specific organizations will be targeted, and research projects will be completed on 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. Prerequisite: MBA 507.
EDUCATION: SPECIAL EDUCATION

Office: Individualized Learning 153, 537-7030
Faculty: JoAnne Hinckley, Verna Nassif, Eleanor Pobre, Deborah Van Overbeke
Department: Education

MASTER OF SCIENCE: SPECIAL EDUCATION

The Special Education Graduate Program at Southwest Minnesota State University offers a degree in special education with a choice of licensure areas in Developmental Disabilities (DD), Early Childhood Special Education (ECSE), Emotional Behavioral Disorders (EBD), or Learning Disabilities (LD). Candidates are welcome to pursue more than one licensure area. Please visit the SMSU Graduate Web site: http://www.southwestmsu.edu/CampusLife/GraduateOffice/ or contact Graduate Admissions at 1-800-642-0684, ext. 6819 or dahlager@southwestmsu.edu for additional information.

The program is offered in two formats:
- On-campus: Courses offered as a balance of weekend, D2L, evening courses, and summer sessions.
- Off-campus Learning Community (LC): The 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 per year.

I. THE VISION
Communities of practice investigating teaching and learning.

II. THE MISSION
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.

III. PROGRAM
All M.S. in Special Education candidates take the (A) Special Education Core, (B) Research Component Courses, and (C) Specialty Courses in at least one area.

Master of Science: Special Education (34 credits)

A. Special Education Core (14 credits)
- EDSP 503 Behavioral Theories and Practices in Special Education* ................................................3
- EDSP 523 Content Methods and Technologies in Special Education* ..............................................3
- EDSP 540 Assessment* (Select a minimum of one lab in desired specialty to accompany the assessment course) ..................................................2
- EDSP 570 Home-School-Community: Partnerships in Consultation/Collaboration ..........................3
- EDSP 580 Legal/Professional Issues in Special Education .................................................................3

B. Research Component (6-7 credits)
- ED 622 Applied Research & Assessment in Education.................................................................3
- ED 624 Action Research: Project Design ............................................................................................3
- ED 627 Action Research: Project Implementation ...........................................................................1-2

C. Specialty Courses: select at least one specialization (13 credits) ..................................................13

- Developmental Disabilities License/Specialization
  - EDSP 541 Assessment Lab: DD .................................................................1
  - EDSP 621 Access and Support for DD .................................................................3
  - EDSP 641 Life Span Learning and Outcomes for DD ..................................................3
  - EDSP 681 DD Practicum in SpEd: K-6 .................................................................3
  - EDSP 691 DD Practicum in SpEd: 7-12 .................................................................3

- Early Childhood Special Education License/Specialization
  - EDSP 542 Assessment Lab: ECSE .................................................................1

Effective 07/01/08
EDSP 622 Foundations in ECSE: Birth to 6 .................................................................3
EDSP 642 Programming for ECSE: Birth to 6...............................................................3
EDSP 682 ECSE Practicum in SpEd: Birth-3 ..............................................................3
EDSP 692 ECSE Practicum in SpEd: 3-6 .................................................................3

**Emotional Behavioral Disorders License/Specialization**
EDSP 543 Assessment Lab: EBD...................................................................................1
EDSP 620 Characteristics of Students with Learning and Behavior Disorders# ..........3
EDSP 643 Behavior Management and Teaching Strategies...........................................3
EDSP 683 EBD Practicum in SpEd: K-6 .................................................................3
EDSP 693 EBD Practicum in SpEd: 7-12 ..................................................................3

**Learning Disabilities License/Specialization**
EDSP 544 Assessment Lab: LD .....................................................................................1
EDSP 620 Characteristics of Students with Learning and Behavior Disorders # ..........3
EDSP 644 Teaching and Achievement Strategies for Learning Disabilities .............3
EDSP 684 LD Practicum in SpEd: K-6..........................................................................3
EDSP 694 LD Practicum in SpEd: 7-12.........................................................................3

Total Credits: 34

# This course satisfies both specialties.

**NOTE:** Praxis II Test Code for Special Education (all fields) is 20353. The minimum score for passing is 158. You must take this if it is your FIRST special education licensure. If you are adding to an existing special education license, it is waived.

* 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.SouthwestMSU.edu.

* 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.

**IV. ADMISSION REQUIREMENTS**

**Application Materials**

- Completed application form and $20.00 (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.
  What is an official transcript? The official transcript has the seal of the university and the signature of the registrar. Please contact the university or college from which you received your bachelor’s degree and ask them to send your official transcript to the Graduate Admission Office at Southwest Minnesota State University. Most universities and colleges charge a small fee for this service.
- Two letters of recommendation, with one from a person (a university professor, administrator, or professional colleague who has reviewed the work of the candidate over an extended time) who is qualified to discuss the academic potential of a candidate.
- A letter of application that indicates qualifications and career objectives (one or two pages; double-spaced, word-processed). How will this master’s program contribute to your professional growth? Address the letter to the Director of Graduate Education.

Effective 07/01/08

*Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.*
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.
- Free Application for Federal Student Aid (FAFSA)
- SMSU Application for Financial Aid
  These forms should be completed at least two months before the first week of class. The forms are available on the SMSU website at www.southwestMSU.edu or by contacting the Financial Aid Office toll-free at 1-800-642-0684.

Immunization Records
- Graduate Students are required to complete and return to SMSU the Immunization Record for Students Attending Post-Secondary Schools in Minnesota (even at off-campus sites). This is a self-report form. If you were born before 1957 and/or have complied at another Minnesota post-secondary school, you may sign the form and return it immediately. Submission of this form is a condition of your continued enrollment.

Registration
- A completed Application Form
- A completed Admission Requirement Checklist
- After a candidate has completed the admissions requirements they will receive a Mustang ID number and a PIN number. These numbers are used to register on the SMSU Web site at www.SouthwestMSU.edu

Additional Requirements
- 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.
- An academic Vita or Resume (to include: Education; Professional Experience; Professional Appointments; Awards/Honors; Service Activities; Professional and Academic Memberships; and Community Service Activities).
- A copy of your teaching license is required for the Reading Emphasis and the Special Education program.

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 nine (9) semester credits of previous graduate work, including up to four (4) in specialty areas, from other accredited universities into the SMSU Education Department Master of Science: Education Program. Graduate students interested in transfer credit should complete the Student Petition form located on the SMSU website at www.SouthwestMSU.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 must have earned a bachelor’s degree and hold a valid teacher’s license prior to admission.

VI. PROGRAM STANDARDS
This program supports the departmental concept of “Communities of Practice Investigating Learning and Teaching.” The standards and best practices of the Council of Exceptional Children (CEC) and its various divisions 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. When participants complete the program, they continue to take responsibility to expand their own learning and leadership capacity.
Candidates demonstrate competencies through a portfolio process. As a capstone activity, candidates design and implement an action research project to investigate professional issues and strategies for the purpose of self-improvement and/or improved student learning.
VII. SPECIAL EDUCATION GRADUATE PRACTICUMS

An application must be completed prior to approval of each practicum experience. The practicum application includes a placement form, copy of your Minnesota teaching license (go to http://education.state.mn.us for a copy), and your vita. A copy of your mentor teacher’s Minnesota teaching license is also required. Each practicum is a minimum of 120 hours of contact time. Two practicums are required. The DD, EBD, and LD practicum involve a K-6 and 7-12 placement and ECSE involve a B-3 and 3-6 year placement. For more information or forms, contact the Graduate Education Office at (507) 537-7171 or msed@SouthwestMSU.edu.

MASTER OF SCIENCE: SPECIAL EDUCATION COURSES (EDSP)

EDSP 503 Behavioral Theories and Practices in Special Education (3 credits)
A dynamic course in the assessment and management of the behaviors of children and youth in educational settings. Prerequisites: ED 251, EDSP 290, or consent of instructor.

EDSP 523 Content Methods & Technology in Special Education (3 credits)
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. Prerequisites: EDSP 290 and consent of instructor.

EDSP 540 Assessment (2 credits)
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. This course is intended to be taken with or prior to an assessment lab in a chosen specialty, including a choice of EDSP 4/541, 4/542, 4/543, 4/544, or PE 445.

EDSP 541 Assessment Lab: Developmental Disabilities (DD) (1 credit)
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of students with developmental disabilities, K-12. Pre- or co-requisite: EDSP 440/540.

EDSP 542 Assessment Lab: Early Childhood Special Education (ECSE) (1 credit)
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of young children, birth to 6 years old. Pre- or co-requisite: EDSP 440/540.

EDSP 543 Assessment Lab: Emotional Behavioral Disorders (EBD) (1 credit)
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of students with emotional behavioral disorders, K-12. Pre- or co-requisite: EDSP 440/540.

EDSP 544 Assessment Lab: Learning Disabilities (LD) (1 credit)
This course provides an opportunity to administer and employ, for the purpose of programming, assessment instruments specific to the needs of students with learning disabilities, K-12. Pre- or co-requisite: EDSP 440/540.

EDSP 570 Home-School-Community: Partnerships in Consultation/Collaboration (3 credits)
An exploration of the principles, resources, and techniques of communication, collaboration, consultation, and transitions for children, their families, educational settings, the community, and society as a whole. Family systems theory, children with special needs and cross-cultural sensitivity are included. Prerequisite: EDSP 290 or consent of instructor.

EDSP 580 Legal/Professional Issues in Special Education (3 credits)
This course provides an in-depth study of the philosophical foundations, legal bases, and a historical background of special education. An overview of disabling conditions and their implications; the availability of resources; and advocacy. Prerequisite: EDSP 290 or consent of instructor.

EDSP 586 Special Topics in Special Education (1-4 credits)
This course is designed to provide an opportunity for students to experience a special or experimental curriculum enrichment course. Prerequisite: consent of instructor.
EDSP 620 Characteristics of Students with Learning and Behavior Disorders: K-12 (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

EDSP 621 Access and Support for Developmental Disabilities: K-12 (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

EDSP 622 Foundations in Early Childhood Special Education: Birth to 6 years (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

ED 622 Applied Research & Assessment in Education (3 credit)
Students will learn and apply education research and assessment as a means of analyzing and improving teaching and learning of content. Students will use their findings to enhance the scholarship of teaching and learning.

ED 624 Action Research: Project Design (3 credits)
Students identify an issue of interest to their professional development. The issue may include, but not limited to, instructional, organizational, or community processes related to their Practice of 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.

ED 627 Action Research: Project Implementation (1-2 credits)
Students implement and complete their action research project.

EDSP 641 Life Span Learning and Outcomes for Developmental Disabilities: K-12 (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

EDSP 642 Programming for Early Childhood Special Education: Birth to 6 years (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

EDSP 643 Behavior Management and Teaching Strategies: K-12 (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

EDSP 644 Teaching and Achievement Strategies for Learning Disabilities: K-12 (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

EDSP 681 DD Practicum in SpEd: K-6 (3 credits)
A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected educational setting, kindergarten through grade 12. A-F grading system. Prerequisites: graduate status and consent of instructor.

EDSP 682 ECSE Practicum in SpEd: Birth-3 (3 credits)
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. A-F grading system. Prerequisites: graduate status and consent of instructor.

EDSP 683 EBD Practicum in SpEd: K-6 (3 credits)
A supervised field experience and critical study combined to provide an opportunity to relate theory to practice in a selected educational setting, grades K-12. Prerequisites: graduate status and consent of instructor.
EDSP 684  LD Practicum in SpEd: K-6 (3 credits)
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. Prerequisites: graduate status and 6 or more credits of core special education coursework.

EDSP 691  DD Practicum in SpEd: 7-12 (3 credits)
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 K–12. Prerequisites: EDSP 621, EDSP 641, EDSP 681, and consent of instructor.

EDSP 692  ECSE Practicum in SpEd: 3-6 (3 credits)
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, birth through age 6. Prerequisites: EDSP 622, EDSP 642, EDSP 682, and consent of instructor.

EDSP 693  EBD Practicum in SpEd: 7-12 (3 credits)
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 K–12. Prerequisites: EDSP 620, EDSP 643, EDSP 683, and consent of instructor.

EDSP 694  LD Practicum in SpEd: 7-12 (3 credits)
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 K–12. Field experience Prerequisites: EDSP 620, EDSP 644, EDSP 684, and consent of instructor.
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.

New to the English program is the Professional Writing and Communication major. 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.

Bachelor of Arts: Literature (50 credits)

I. Literature Requirements:
   LIT 250  Critical Approaches .................................................................3
   LIT 263  Poetry .........................................................................................3
   Two of the following genre courses: ..............................................................................6
   LIT 261  Novel .........................................................................................3
   LIT 262  Short Story ..................................................................................3
   LIT 264  World Drama: The Global Perspective ....................................................3

II. Author and Survey Courses:
   One author course or three short courses ..........................................................3
   One British Literature survey course ......................................................................4
   One American Literature survey course ....................................................................4

III. American Language Requirements: *
   ENG 362  History and Structure of the English Language ..................................3
   One advanced writing course ..............................................................................3-4
   One American Language elective at 300 level ...................................................3-4

IV. Electives in Literature: *
   ..........................................................................................................................14-16

V. Capstone Course
   LIT 495  Senior Seminar ....................................................................................2

Total Credits: 50
Restrictions: Total number of credits for sections III and IV combined must be 25 credits. An overall total of 27 literature credits must be at the 300- or 400-level.** Literature courses must include at least 9 credits British Literature, 9 credits American Literature, and 6 credits World Literature (from LIT 264, LIT 310, LIT 360, LIT 370, or LIT 261, 262, 386 when designated as World Literature courses). No courses with “C-” grades will count towards the major. Students must have a “B–” or better in all LAC Communications requirements. An overall GPA of 2.5 in the major courses is necessary for graduation. Literature majors should choose the letter grade option for major courses, except for Senior Seminar, which is credit/no credit.

*Writers’ Workshop does have a prerequisite, Introduction to Creative Writing, 1209-107.

**Note the University requirement of 40 credits at the 300- and 400-level.

Bachelor of Arts: Literature/Creative Writing (49 credits)

I. Creative Writing Requirements:
ENG 207 Writers’ Workshop .......................................................... 4

II. Creative Writing Electives: .............................................................. 16

III. Literature Requirements: ............................................................... 7
LIT 250 Critical Approaches to Literature ........................................... 3
LIT 306 Craft and Theory ................................................................. 4

IV. Literature Electives:
Courses to include at least 9 credits at the 300- or 400-level ........................................... 20

V. Capstone Course:
ENG 495 Senior Portfolio Workshop ................................................ 2

Total Credits: 49

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. No courses with “C-” grades will count towards the major. Students must have a “B–” or better in all LAC Communications requirements. An overall GPA of 2.5 in the major courses is necessary for graduation. Majors should choose A–F grading option for major courses, except for Senior Portfolio, which is credit/no credit.

Additional information regarding suggestions and recommendations are available in the English office in BA 221.

Bachelor of Science: Communication Arts and Literature/Secondary Education, English and Literature Emphasis (49 credits)*

I. Literature/English Requirements:
(All students in this major must take LIT 263: Poetry as the LAC “Literature/Humanities” class.)

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

One of the following: ........................................................................... 3
LIT 261 Novel ...................................................................................... 3
LIT 262 Short Story ............................................................................. 3
LIT 263 Poetry ..................................................................................... 3
LIT 264 World Drama: The Global Perspective ................................... 3

One British survey: ............................................................................. 4
LIT 322 British Literature: Nineteenth and Twentieth Centuries .......... 4

One American survey: ...................................................................... 4
LIT 331 American Literature: Beginning through Realism and Naturalism 4
LIT 332 American Literature: Modern and Contemporary .................. 4

One of the following: .............................................................. 1
LIT 303 British Authors: Short Course ................................................ 1
LIT 304 American Authors: Short Course ......................................... 1
II. Speech Communication Requirements:

- LIT 309 Authors: Short Course ................................................................. 1
- LIT 335 African American Literature ...................................................... 3
- LIT 340 Sexuality and Gender Literature ................................................... 3
- LIT 350 Western American Literature ...................................................... 3
- LIT 355 Native American Literature .......................................................... 3
- LIT 375 Literature by and about Women ................................................... 3

One of the following courses with a diversity designation:.............................. 3

One credit of LIT at 300 level or writing at 200 level ** ...................................... 1

Total Credits: 49

* 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. This degree has an emphasis in English and Literature. Licensure may also be obtained with a degree that has an emphasis in Speech Communication; see the Speech Communication section of this catalog for more information.

Please see the Education Department for current licensure requirements.

** Students may take LIT 309 Authors, LIT 324 Shakespeare: Tragedies, or LIT 325 Shakespeare: Comedies for 3 credits and fulfill the one-credit requirement in the degree, but will have extra credits.

No courses with “C-” grades will count towards the major. Students must have a “B-” or better in all LAC Communications requirements. An overall GPA of 2.5 in the major courses is necessary for graduation.

Additional information regarding suggestions and recommendations are available in the English office in BA 221.

Bachelor of Science: Professional Writing and Communication (55-56 credits)

I. Written Communication Core (20-21 credits)

- ENG 204 Introduction to Journalism .......................................................... 4
- ENG 360 Scientific and Technical Writing ................................................... 3
- ENG 361 Advanced Composition ................................................................. 3
- ENG 460 Writing and New Media ................................................................. 3
- ENG 420 Copy Editing .................................................................................. 4

One of the following: .............................................................................. 3-4

- ENG 305 Creative Non-Fiction Workshop .................................................. 4
- SPCH 260 Introduction to Public Relations Writing .................................... 3
- MGMT 331 Business Communications ..................................................... 3

II. Oral Communication Core (6 credits)

- SPCH 303: Advanced Public Speaking ...................................................... 3

One of the following: .............................................................................. 3

- SPCH 310 Persuasion .................................................................................. 3
- SPCH 360 Org. Comm. and Interviewing (May not double-count here and VI.) 3
- SPCH 330 Mass Media and Society ............................................................. 3
- SPCH 410 Communication Analysis ........................................................... 3

III. Visual Communication Core (6 credits)

- ART 102 Foundations of Art and Design (2D) ........................................... 3
- ART 240 Concepts of Graphic Design ........................................................ 3

IV. Professional Contexts (6 credits)

Select two classes from the list below. These two classes must come from different disciplinary perspectives. Additional classes may also be used in the expertise area.
Perspectives from Business
MGMT 300  Management Principles .................................................................3
MGMT 330  Organizational Behavior .................................................................3
BADM 305  Business Law I ..................................................................................3
MGMT 450  Diversity Management ..................................................................3
Perspectives from Marketing
MKTG 301  Marketing Principles ........................................................................3
Perspectives from Ethics
PHIL 103  Ethics ................................................................................................3
PHIL 105  Ethical Issues in Business ................................................................3
PHIL 107  Environmental Ethics .........................................................................3
Perspectives from Politics and Public Administration
POL 324  Local and Rural Politics ........................................................................3
POL 340  Public Policy and Administration.........................................................3
PBAD 320  Public Theory, Policy, and Organization ............................................3
Perspectives from Psychology
PSYC 318  Group Dynamics ...............................................................................3
PYSC 325  Attitudes and Persuasion ................................................................3

V. History and Theory (6 credits)
ENG 362  History and Structure of the English Language ....................................3
ENG 492  Theory and Practice of Professional Writing (capstone) ....................3

VI. Professional Expertise Area (9 credits) .........................................................9
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.

Total Credits: 55-56

The Minnesota Transfer Curriculum, SMSU’s Liberal Arts Core, and Professional Writing and Communication Prerequisites provide preparation for the upper level courses of the Professional Writing Major.

No courses with “C-” grades will count towards the major. Students must have a “B-” or better in all LAC Communications requirements. An overall GPA of 2.5 in the major courses is necessary for graduation. Majors should choose A–F grading option for major courses. Majors must earn a B- or better in SPCH 110, and English 102 and 103. 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 majors may meet this requirement by taking electives or upper-level Liberal Arts Core courses.

Minor: Literature (22 credits)
I. Literature Requirements:
LIT 250  Critical Approaches to Literature .......................................................3
One of the following: ..........................................................................................3
LIT 261  Novel .................................................................................................3
LIT 262  Short Story ........................................................................................3
LIT 263  Poetry ................................................................................................3
LIT 264  World Drama: The Global Perspective ...............................................3
One survey course: .........................................................................................3-4
LIT 321  British Literature: Beginning through Restoration and 18th Century ......3
LIT 322  British Literature: Nineteenth and Twentieth Century .......................3
LIT 331  American Literature: Beginning through Realism and Naturalism .......3
LIT 332  American Literature: Modern and Contemporary ............................3
LIT 370  Contemporary World Literature ..........................................................3
II. Writing Requirements:

One of the following: .................................................................3-4

ENG 204 Introduction to Journalism .................................................4
ENG 207 Writers’ Workshop ..............................................................4
ENG 301 Poetry Workshop .................................................................4
ENG 302 Fiction Workshop ...............................................................4
ENG 303 Screenwriting .................................................................4
ENG 305 Literary Non-Fiction Workshop .......................................4
ENG 310 Writing for Magazines ......................................................4
ENG 360 Scientific and Technical Writing ....................................3
ENG 361 Advanced Composition ..................................................3
ENG 401 Advanced Poetry Workshop ...........................................4
ENG 404 Advanced Fiction Workshop ..........................................4
ENG 410 Advanced Journalism ...................................................4

III. Literature Elective Courses: (300 level or above) ......................8-10

Total Credits: 22

No courses with “C-” grades will count towards the major. Students must have a “B-” or better in all LAC Communications requirements. An overall GPA of 2.5 in the major courses is necessary for graduation. Additional information regarding suggestions and recommendations are available in the English office in BA 221.

Minor: Writing (20 credits)

I. Required courses: (3-4 credits) ..................................................3-4

ENG 207 Writers’ Workshop ..............................................................4
OR
ENG 361 Advanced Composition ..................................................3

II. Elective courses: (16-17 credits) .................................................16-17

a. Creative Writing Option: (Suggested Courses)

ENG 286 Special Topics in Writing ................................................1-4
ENG 301 Poetry Workshop .................................................................4
ENG 302 Fiction Workshop ...............................................................4
ENG 303 Screenwriting .................................................................4
ENG 305 Literary Non-Fiction Workshop .......................................4
ENG 310 Writing for Magazines ......................................................4
ENG 401 Advanced Poetry Workshop ...........................................4
ENG 404 Advanced Fiction Workshop ..........................................4
ENG 486 Advanced Topics in Writing ...........................................1-4

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

ENG 200 Student Publications .......................................................1-3
ENG 204 Introduction to Journalism .................................................4
ENG 286 Special Topics in Writing ................................................1-4
ENG 305 Literary Non-Fiction Workshop .......................................4
ENG 310 Writing for Magazines ......................................................4
ENG 360 Scientific and Technical Writing ....................................3
ENG 410 Advanced Journalism ...................................................4
ENG 486 Advanced Topics in Writing ...........................................1-4
ENG 490 Contemporary Composition: Theory and Pedagogy ........3
MGMT 331 Business Communications .......................................3
SPCH 260 Introduction to Public Relations Writing ......................3

Total Credits: 20

* At least 12 credits must be at the 300 or 400 level. No courses with “C-” grades will count towards the major. Students must have a “B-” or better in all LAC Communications requirements. An overall GPA of 2.5 in the major courses is necessary for graduation.

Additional information regarding suggestions and recommendations are available in the English office in BA 221.
LITERATURE COURSES (LIT)

LIT 100 (LAC, D) Literature: Human Diversity (3 credits)
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.

LIT 120 Introduction to Literature (3 credits)
This course will deepen students’ understanding and appreciation of literature as an art form as well as strengthen students’ ability to read short stories, poems, novels, and drama for meaning.

LIT 150 (LAC, G) Literature: Global Perspective (3 credits)
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.

LIT 170 (LAC, E, S) Literature: People and the Environment (3 credits)
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.

LIT 200 (LAC, R, S) Literature: The Rural/Regional Experience (3 credits)
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.

LIT 250 Critical Approaches to Literature (3 credits)
This course offers students the elemental skill necessary for academic literary research and analysis. It covers the major literary critical tools in a systematic way. Required of all Literature and Creative Writing majors. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

LIT 261 (LAC, T) Novel (3 credits)
This course introduces students to the novel as a literary form.

LIT 262 (LAC, T) Short Story (3 credits)
This course introduces students to the short story as a literary form.

LIT 263 (LAC, T) Poetry (3 credits)
This course introduces students to poetry as a literary form.

LIT 264 (LAC, G, T) World Drama: The Global Perspective (3 credits)
This course introduces students to drama as a literary form, including plays from a wide variety of periods and countries.

LIT 265 (LAC, T) Literature and Film (3 credits)
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 production, and their cultural impact. Texts may include the following filmic and literary genres: western, musical, science fiction, fantasy, horror, comic, detective story, thriller, war, or family melodrama.

LIT 286 Special Topics in Literature (1-4 credits)
These courses are studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term. Prerequisite: freshman or sophomore status.

LIT 292 Honors Credit in Literature (1 credit)
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 Literature course. Prerequisite: consent of instructor.

LIT 303 British Authors: Short Course (1 credit)
A study of one British 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.

LIT 306 Craft and Theory: Prose and Poetry (4 credits)
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. This class is repeatable up to 8 credits. Prerequisite: ENG 102 and 103 or consent of instructor.

LIT 304 American Authors: Short Course (1 credit)
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.

**LIT 305 World Authors: Short Course (1 credit)**
A study of one world 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.

**LIT 309 Authors (3 credits)**
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 303, 304, or 305 may be counted toward the Literature major. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 310 (LAC, T) Greek Myth and Literature (3 credits)**
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 321 British Literature: Beginning through Restoration and Eighteenth Century (4 credits)**
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 322 British Literature: Nineteenth and Twentieth Century (4 credits)**
This course explores British literature from the Romantic and Victorian Periods of the 19th Century and the Modern and Post-Modern Periods of the 20th Century. Prerequisites: ENG 102 and ENG 103, or consent of the instructor.

**LIT 324 (LAC, T) Shakespeare: Tragedies (3 credits)**
This course focuses on selected examples of Shakespeare’s tragic drama, including the historical tragedies. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 325 (LAC, T) Shakespeare: Comedies (3 credits)**
This course focuses on selected examples of Shakespeare’s comic drama, including representative “romances.” Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 331 American Literature: Beginning through Realism and Naturalism (4 credits)**
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 332 American Literature: Modern and Contemporary (4 credits)**
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 333 African American Literature (3 credits)**
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.

**LIT 340 Sexuality and Gender in Literature (3 credits)**
This course covers a selection of literature from a range of historical and cultural periods through the lens of sexuality and gender.

**LIT 350 (LAC, D, E) Western American Literature (3 credits)**
This course covers representative literature of the American westering experience and includes such topics as Native Americans, the mountain men, pioneers, the homesteaders and the ecology of the modern West. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 355 (D) Native American Literature (3 credits)**
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

**LIT 365 Auto/Biography (3 credits)**
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.
LIT 370 (G) Contemporary World Literature (3 credits)
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

LIT 375 (D, T) Literature by and about Women (3 credits)
This course introduces students to literature written by and about women from various time periods and cultures. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

LIT 410 Literacy and Literature for Adolescents (3 credits)
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. Prerequisites: ENG 102 and ENG 103, or consent of instructor.

LIT 486 Special Topics in Literature (1-4 credits)
These courses are advanced studies in topics of special interest. Consult the semester schedule of classes for the selected topic for a given term. Prerequisite: junior or senior status.

LIT 494 Directed Studies in Literature (1-4 credits)
Independent work is available only to students with special needs or exceptional ability. Prerequisite: consent of instructor. Only four (4) credits may count toward a Literature major.

LIT 495 (M) Senior Seminar (2 credits)
The capstone class for senior Literature students in which they demonstrate through a collection of their best written work their mastery of literary studies. See separate department handout. Prerequisite: senior status and consent of the department. Credit/no credit only.

AMERICAN LANGUAGE COURSES (ENG)

ENG 100 Basic Writing Skills (3 credits)
This course is designed to prepare students for the American Language Skills sequence (ENG 102-103). Therefore, it is required that this course be taken simultaneously with ENG 101: Fundamentals of College Writing. This course may be required of students identified through placement procedures of the University or the English Department. May be repeated once.

ENG 101 Fundamentals of College Writing (1 credit)
An introduction to the grammatical elements of college writing.

ENG 102 (LAC) Rhetoric: The Essay (3 credits)
Students develop skills involved in writing the traditional essay. Prerequisite: score of 70% or better on the English Placement Exam or enrollment in ENG 101 Fundamentals of College Writing simultaneously with ENG 102.

ENG 103 (LAC) Rhetoric: Critical Writing (3 credits)
The course focuses on developing students’ ability to reason, to read and to write critically. Prerequisite: ENG 102.

ENG 107 (LAC) Introduction to Creative Writing (3 credits)
This course is designed to introduce students to the art and craft 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.

ENG 150 Academic English Communication Skills (3 credits)
This course will provide the opportunity for non-native speakers to practice the written, comprehension, and speaking skills necessary in various academic discourse situations. Prerequisite: ENG 103 or consent of instructor. May be repeated.

ENG 200 Student Publications (1-3 credits)
This course is open to students who work on the student newspaper and/or the student literary magazine. Prerequisite: consent of instructor.

ENG 204 Introduction to Journalism (4 credits)
Introduction to Journalism focuses on the changing world of journalism by combining an emphasis on traditional basic skills with the latest trends in the convergence of print and online media.

ENG 207 Writers’ Workshop (4 credits)
This course is designed for students interested in writing poetry, fiction, and non-fiction. Assumes the student has had an introductory course in creative writing. Prerequisite: ENG 107 or consent of instructor.

ENG 286 Special Topics in Writing (1-4 credits)
These courses are studies in writing topics of special interest. Consult the semester schedule of classes for the selected topic for a given term.
ENG 292 Honors Credit in American Language (1 credit)
This course allows more in-depth or comprehensive study or research by students concurrently enrolled in at least one other American Language course. Prerequisite: consent of instructor.

ENG 301 Poetry Workshop (4 credits)
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. Prerequisite: ENG 207 or consent of instructor.

ENG 302 Fiction Workshop (4 credits)
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. Prerequisite: ENG 207 or consent of instructor.

ENG 303 Screenwriting (4 credits)
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.

ENG 304 Special Projects (1-4 credits)
This course involves advanced work, primarily tutorial, and an individual writing project of some complexity. Prerequisite: consent of instructor.

ENG 305 Literary Non-Fiction Workshop (4 credits)
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.

ENG 310 Writing for Magazines (4 credits)
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.

ENG 360 Scientific and Technical Writing (3 credits)
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 résumé and cover letter, a summary of a scholarly article, a set of instructions, a Web site, a proposal, and a report. Prerequisites: ENG 102 and 103; open to all majors.

ENG 361 Advanced Composition (3 credits)
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. Prerequisites: ENG 102 and 103.

ENG 362 History and Structure of the English Language (3 credits)
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.

ENG 365 Modern Grammar (3 credits)
This course, required of all Literature/Language Arts Education majors, but open to majors, non-majors, and minors, focuses on traditional grammar as well as brief introductions to structural and transformational grammar. The course includes both theory and application of grammar.

ENG 401 Advanced Poetry Workshop (4 credits)
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. Prerequisite: ENG 301 or ENG 302 or consent of instructor.

ENG 404 Advanced Fiction Workshop (4 credits)
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. Prerequisite: ENG 301 or ENG 302 or consent of instructor.

ENG 410 Advanced Journalism (4 credits)
This course is for students who have taken Introduction Journalism and wish to research and write articles beyond the introductory level. Course will include story development, crime reporting, in-depth news, and feature writing, journalism ethics and libel law, and portfolio preparation. Prerequisite: ENG 204.

ENG 420 Copy Editing (3 credits)
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. Prerequisites: ENG 102, 103 and junior or senior standing.

ENG 460 Writing & the New Media (3 credits)
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.

ENG 480 Tutoring Writing (1 credit)
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. Prerequisite: ENG 102, ENG 103, and junior standing or consent of instructor.

ENG 486 Advanced Topics in Writing (1-4 credits)
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. Prerequisite: junior or senior standing.

ENG 490 (M) Contemporary Composition Theory and Pedagogy (3 credits)
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. Prerequisites: junior standing and consent of instructor.

ENG 492 Theory & Practice of Professional Writing (3 credits)
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.

ENG 494 Directed Studies in Writing (1-4 credits)
Independent work is available only to students with special needs or exceptional ability. Prerequisite: consent of instructor. Only four (4) credits may count toward a writing major.

ENG 495 (M) Senior Portfolio Workshop (2 credits)
This workshop is the required capstone course for 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. Credit/no credit. Prerequisite: senior status and/or consent of instructor.

ENG 499 Internship (3-12 credits)
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. Prerequisite: consent of the English Department.
ENVIRONMENTAL SCIENCE

Office: SM 178, 537-6178
Faculty: Emily Deaver, Thomas Dilley, Linda Jones
Department: Science

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.

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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>BIOL 200</td>
<td>Cell Biology (Lecture/Lab:3/1)</td>
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<td>BIOL 301</td>
<td>Zoology (Lecture/Lab:3/1)</td>
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<td>BIOL 302</td>
<td>Botany (Lecture/Lab:3/1)</td>
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<tr>
<td>BIOL 311</td>
<td>Ecology (Lecture/Lab:3/1)</td>
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<tr>
<td>CHEM 231</td>
<td>General Chemistry I (Lecture/Lab:3/1)</td>
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<tr>
<td>CHEM 232</td>
<td>General Chemistry II (Lecture/Lab:3/2)</td>
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<tr>
<td>ENG 360</td>
<td>Scientific and Technical Writing</td>
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<tr>
<td>ENVS 101</td>
<td>Physical Geology (Lecture/Lab:3/1)</td>
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<tr>
<td>ENVS 102</td>
<td>Historical Geology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Introduction to Environmental Science (Lab)</td>
<td>4</td>
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<tr>
<td>ENVS 251</td>
<td>Basic Soil Science (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 352</td>
<td>Plant Nutrients in the Environment</td>
<td>3</td>
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<tr>
<td>ENVS 400</td>
<td>Environmental Data Analysis and Presentation (Capstone)</td>
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<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
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</table>

II. RESTRICTED ELECTIVES:* (10-12 credits)

Take at least ONE course from each group (A-C); at least ONE must include a laboratory:

**Group A. Physical Science**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CHEM 244</td>
<td>Instrumental Analysis</td>
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<td>ENVS 221</td>
<td>Meteorology</td>
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<tr>
<td>ENVS 302</td>
<td>Geomorphology</td>
<td>3</td>
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<tr>
<td>ENVS 310</td>
<td>Hydrology (Lecture/Lab:3/1)</td>
<td>4</td>
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<tr>
<td>ENVS 311</td>
<td>Environmental Geology</td>
<td>3</td>
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<tr>
<td>ENVS 352</td>
<td>Plant Nutrients in the Environment</td>
<td>3</td>
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<tr>
<td>ENVS 426</td>
<td>Soil Morphology and Genesis (Lab)</td>
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<tr>
<td>ENVS 450</td>
<td>Environmental Instrumentation and Analysis</td>
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**Group B. Life Science**

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<tr>
<td>BIOL 303</td>
<td>Microbiology (Lecture/Lab:3/1)</td>
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<tr>
<td>BIOL 310</td>
<td>Natural History of the Vertebrates (Lab)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>Genetics (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 338</td>
<td>Plant Diversity (Lab)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 355</td>
<td>Plant Physiology (Lab:2/1)</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 406</td>
<td>Limnology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
</tbody>
</table>

Effective 07/01/08

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

Students who major in such areas as business, English, education, or political science.

This option is also a good choice as an add-on (second) major for students interested in careers in environmental law, environmental journalism, environmental education, or public service. 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.

II. Restricted Science Electives: (44-45 credits)

<table>
<thead>
<tr>
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<td>CHEM 121</td>
<td>Basic Chemistry I* (Lecture/Lab:3/1)</td>
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<td>CHEM 122</td>
<td>Introduction Organic/Biochemistry* (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 101</td>
<td>Physical Geology (Lecture/Lab:3/1)</td>
<td>4</td>
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<tr>
<td>ENVS 102</td>
<td>Historical Geology (Lecture/Lab:3/1)</td>
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</tr>
<tr>
<td>ENVS 180</td>
<td>Introduction to Environmental Science (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 251</td>
<td>Basic Soil Science (Lecture/Lab:3/1)</td>
<td>4</td>
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<tr>
<td>ENVS 390</td>
<td>Research Methods in Environmental Science</td>
<td>1</td>
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<tr>
<td>ENVS 400</td>
<td>Environmental Data Analysis and Presentation (Capstone)</td>
<td>1</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td>MATH 200</td>
<td>Statistics**</td>
<td>3</td>
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<tr>
<td>PHIL 107</td>
<td>Environmental Ethics</td>
<td>3</td>
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<tr>
<td>ENVS 107</td>
<td>Introduction to ArcGIS*</td>
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</table>

* May substitute CHEM 231, 232 (9 credits)

** May substitute other statistics course with program approval

III. Restricted Humanities Electives: (15-16 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
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<td>BIOL 301</td>
<td>Zoology (Lecture/Lab:3/1)</td>
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<td>BIOL 338</td>
<td>Plant Diversity (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 406</td>
<td>Limnology (Lecture/Lab:3/1)</td>
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<tr>
<td>ENVS 210</td>
<td>Rocks and Minerals I (Lecture/Lab:2/1)</td>
<td>3</td>
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<tr>
<td>ENVS 221</td>
<td>Meteorology</td>
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<tr>
<td>ENVS 311</td>
<td>Environmental Geology</td>
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<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 (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 244</td>
<td>Environmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 317</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Bachelor of Science: Environmental Science, Humanity & 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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 350</td>
<td>Agricultural and Environmental Law</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 351</td>
<td>Environmental Toxicology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 355</td>
<td>Soil Conservation and Land Use</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 401</td>
<td>Wetland Ecology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>RURL 271</td>
<td>Environmental History</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 72-75

* Some of these courses may require prerequisites.

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

Effective 07/01/08
Some of these courses may require prerequisites.

Bachelor of Science: Environmental Science, Geology option (72-75 credits)
The Geology option provides the student with a strong background in the physical science of Earth’s hydrosphere and lithosphere (land, sediment, and rocks) as they relate to life. This option was designed to prepare students for employment as environmental consultants, specialists, engineers; the curriculum also prepares students for graduate work.

I. Core Requirements: (61-62 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 (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 232</td>
<td>General Chemistry II (Lecture/Lab:3/2)</td>
<td>5</td>
</tr>
<tr>
<td>ENG 360</td>
<td>Scientific and Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 101</td>
<td>Physical Geology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 102</td>
<td>Historical Geology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 120</td>
<td>Regional Geography of the U.S. &amp; Canada</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 180</td>
<td>Introduction to Environmental Science (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 210</td>
<td>Rocks and Minerals I (Lecture/Lab:2/1)</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 251</td>
<td>Basic Soil Science (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 302</td>
<td>Geomorphology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 310</td>
<td>Hydrology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 311</td>
<td>Environmental Geology</td>
<td>3</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 and Presentation (Capstone)</td>
<td>1</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus: A Short Course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MATH 200</td>
<td>Statistics *</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 107</td>
<td>Environmental Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 141</td>
<td>College Physics I (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 142</td>
<td>College Physics II (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 107</td>
<td>Introduction to ArcGIS</td>
<td>2</td>
</tr>
</tbody>
</table>

* May substitute other statistics course with program approval

II. Restricted Electives,* (10-12 credits)
Take at least ONE course from each group (A-C); at least ONE must include a laboratory:

Group A. Physical Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 244</td>
<td>Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 211</td>
<td>Rocks and Minerals II (Lecture/Lab:3/1)</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 221</td>
<td>Meteorology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 321</td>
<td>Structural Geology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 331</td>
<td>Invertebrate Paleontology (Lecture/Lab:3/1)</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 341</td>
<td>Stratigraphy and Sedimentation (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 352</td>
<td>Plant Nutrients in the Environment (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 426</td>
<td>Soil Morphology and Genesis</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 450</td>
<td>Environmental Instrumentation and Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 67-70

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

I. Required Courses:

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.

Minor: Environmental Science (30-33 credits)

* Some of these courses may require prerequisites.

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

### Group A. Natural Science Option:

Select ONE of the following options after consultation with an appropriate advisor in the ENVS Program.

- **ENVS 102** Historical Geology (Lecture/Lab:3/1) ................................................................. 4
- **ENVS 120** Regional Geography of the U.S. and Canada ...................................................... 3
- **ENVS 210** Rocks and Minerals I (Lecture/Lab:3/1) ................................................................. 3
- **ENVS 221** Meteorology ........................................................................................................ 3
- **ENVS 251** Basic Soil Science (Lecture/Lab:3/1) ................................................................. 4
- **ENVS 310** Hydrology (Lecture/Lab:3/1) ............................................................................... 4

**Choose TWO courses; ONE must include a laboratory:**

- **BIOL 301** Zoology (Lecture/Lab:3/1) ..................................................................................... 4
- **BIOL 302** Botany (Lecture/Lab:3/1) ..................................................................................... 4
- **BIOL 311** Ecology (Lecture/Lab:3/1) ..................................................................................... 4
- **BIOL 338** Plant Diversity (Lecture/Lab:3/1) ....................................................................... 4
- **BIOL 339** Plant Geography ................................................................................................. 2
- **BIOL 406** Limnology (Lecture/Lab:3/1) ............................................................................... 4
- **ENVS 302** Geomorphology ................................................................................................. 3
- **ENVS 311** Environmental Geology ..................................................................................... 3
- **ENVS 353** Soil Conservation and Land Use ........................................................................ 3

**Total Credits:** 73-76

Effective 07/01/08
### Social Environment Option:
Choose TWO of the following:

- AGBU 350 Agricultural and Environmental Law
- ANTH 301 Cultural Geography
- ECON 320 Resource Economics
- HIST 362 Making of Modern America, 1890-1920
- HIST 371 History of the American West
- INDS 325 Genocide, Survival, and the Indigenous Peoples
- INDS 326 Decolonization, Recovery, and the Indigenous Peoples
- INDS 344 Imperialism, Federal Policy, and Indigenous Peoples
- PHIL 107 Environmental Ethics
- POL 320 Political Economy of the Third World
- POL 324 Local and Rural Politics
- POL 356 Politics of the Global Economy
- URL 271 Environmental History

*Total Credits: 29-32*

* Some of these courses may have prerequisites.

### Minor: Geology (28 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: (28 credits)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 101</td>
<td>Physical Geology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 102</td>
<td>Historical Geology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 120</td>
<td>Regional Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 210</td>
<td>Rocks and Minerals I (Lecture/Lab:2/1)</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 251</td>
<td>Basic Soil Science (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 302</td>
<td>Geomorphology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 310</td>
<td>Hydrology (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 311</td>
<td>Environmental Geology</td>
<td>3</td>
</tr>
</tbody>
</table>

*Some of these courses may have prerequisites.

*Total Credits: 28*

### ENVIRONMENTAL SCIENCE COURSES (ENVS)

**ENVS 100 (LAC, E, S) Earth Science (3 credits)**
This course is designed to provide non-science majors with an introduction to Earth Science. Students examine the general physical environment. 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.

**ENVS 101 (LAC, E) Physical Geology (3 credits lecture/1 credit lab)**
The study of the earth and the forces that shape it, including minerals and rocks, landforms, and geological processes.

**ENVS 102 Historical Geology (3 credits lecture/1 credit lab)**
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. Prerequisite: ENVS 100 or 101, or consent of instructor.

**ENVS 107 Introduction to ArcGIS (2 credits)**
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.
ENVS 115 Redwood River Monitoring (2 credits)
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 seventh 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 (R, S) Regional Geography of the U.S. and Canada (3 credits)
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 180 (LAC, E, T) Environmental Science (3 credits lecture/1 credit lab)
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.

ENVS 186 Special Topics (1-3 credits)

ENVS 200 Environmental Science Seminar (1 credit)
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 210 Rocks and Minerals I (2 credits lecture/1 credit lab)
An introduction to the identification and classification of minerals and rocks. Prerequisites: ENVS 101, CHEM 131, or consent of instructor.

ENVS 211 Rocks and Minerals II (2 credits lecture/1 credit lab)

ENVS 221 (LAC, E) Meteorology (3 credits)
This course provides students with an introduction to atmospheric characteristics and phenomena including: weather, composition and physical processes, air masses and global patterns of 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 these interactions. For students interested in fulfilling their LAC requirements, the companion lab for this course is currently ENVS 100L—Earth Science Laboratory.

ENVS 251 (LAC, E, T) Basic Soil Science (3 credits lecture/1 credit lab)
Basic physical, chemical, and biological properties of soil. Soil genesis, classification, and principles of soil fertility.

ENVS 270 Soil Profile Description (1 credit)
This is a field course used to prepare students for intercollegiate soil judging contests. Prerequisite: ENVS 251.

ENVS 271 Collegiate Soil Judging (1 credit)
Methods of soil profile description and field interpretation of landscapes. Participation in soil judging team during regional or national contests is required. Prerequisite: ENVS 251.

ENVS 286 Special Topics (1-3 credits)

ENVS 292 Honors Credit in Earth/Space Science (1 credit)
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 Earth/Space Science course. Prerequisite: consent of instructor.

ENVS 302 Geomorphology (3 credits)
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. Prerequisite: ENVS 101.

ENVS 310 Hydrology (3 credits lecture/1 credit lab)
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. Prerequisites: ENVS 101, MATH 110 or higher, or consent of instructor.

ENVS 311 Environmental Geology (3 credits)
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 climatic change and human impacts on the environment from energy and resources extraction and utilization. Prerequisite: ENVS 100 or 101 or consent of instructor.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Lecture/Lab Details</th>
<th>Prerequisites/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 321</td>
<td>Structural Geology</td>
<td>3</td>
<td>lecture/1 credit lab</td>
<td>Classification of major and minor features of crustal deformation; laboratory solutions of three-dimensional structural problems. Prerequisites: ENVS 102; knowledge of trigonometry.</td>
</tr>
<tr>
<td>ENVS 331</td>
<td>Invertebrate Paleontology</td>
<td>2</td>
<td>lecture/1 credit lab</td>
<td>The taxonomy, morphology and paleoecology of invertebrate fossils. Prerequisite: ENVS 102 or Biology major.</td>
</tr>
<tr>
<td>ENVS 341</td>
<td>Stratigraphy and Sedimentation</td>
<td>2</td>
<td>lecture/2 credits lab</td>
<td>Sedimentary processes and environmental principles of stratigraphic classification and correlation. Prerequisite: ENVS 102.</td>
</tr>
<tr>
<td>ENVS 351</td>
<td>Environmental Toxicology</td>
<td>3</td>
<td></td>
<td>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. Prerequisites: ENVS 180, BIOL 200, and CHEM 121.</td>
</tr>
<tr>
<td>ENVS 390</td>
<td>Research Methods in Environmental Science</td>
<td>1</td>
<td></td>
<td>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. The course is a prerequisite for ENVS 400, the capstone course in Environmental Science. Prerequisites: ENVS 101, ENVS 180 and junior status or consent of instructor.</td>
</tr>
<tr>
<td>ENVS 400</td>
<td>Environmental Data Analysis and Presentation</td>
<td>1</td>
<td></td>
<td>This course is the senior capstone experience for Environmental Science majors. Students will be expected to conduct an independent research project investigating various environmental topics selected in conjunction with their research advisor. Students will gain experience 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. Prerequisite: ENVS 390.</td>
</tr>
<tr>
<td>ENVS 401</td>
<td>Wetland Ecology</td>
<td>3</td>
<td>lecture/1 credit lab</td>
<td>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. Prerequisite: CHEM 121 or higher.</td>
</tr>
<tr>
<td>ENVS 426</td>
<td>Soil Morphology and Genesis</td>
<td>3</td>
<td></td>
<td>The 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. Prerequisite: CHEM 121 or higher.</td>
</tr>
<tr>
<td>ENVS 450</td>
<td>Environmental Instrumentation and Data Analysis</td>
<td>3</td>
<td></td>
<td>In this course, students study how environmental samples are collected and analyzed for specific environmental components and characteristics biota. Planning and sample design accompanied with discussions of quality assurance and quality control are reviewed. Specific techniques for sampling water, air, soils, and biota are reviewed and conducted by students. Prerequisites: BIOL 200, CHEM 121, and MATH 200, PSYC 200, or BADM 230.</td>
</tr>
<tr>
<td>ENVS 486</td>
<td>Advanced Special Topics</td>
<td>1-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENVS 494</td>
<td>Independent Study</td>
<td>1-3</td>
<td></td>
<td>Independent research, directed by a faculty member, which must be laboratory research, library research, or other experiences approved by the Environmental Science program. Prerequisite: consent of instructor.</td>
</tr>
<tr>
<td>ENVS 499</td>
<td>Internship in Environmental Science</td>
<td>1-15</td>
<td></td>
<td>Supervised experiences in learning situations that cannot be obtained on campus. Prerequisite: consent of instructor.</td>
</tr>
</tbody>
</table>
FINANCE

Office: Charter Hall 129, 537-6223
Faculty: Susan Jones, John Kim, Raphael Onyeaghala, George Seldat, Matthew Walker
Department: Business and Public Affairs

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 new 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.

Bachor of Science: Finance (60 credits)

Pre-Finance Requirements:

Students seeking a B.S. in Finance must complete the Pre-Finance requirements.

Pre-Finance requirements for students accepted as major in Finance (FIN) are:

1. Complete ENG 101 with a grade of “C” or better, or otherwise satisfy the ENG 101 requirement by testing-out with an instrument approved by SMSU’s English Department.

2. 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 102 (Rhetoric: The Essay)
   c. ENG 103 (Rhetoric: Critical Writing)
   d. SPCH 110 (Essentials of Speaking and Listening)

3. 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.

4. Prior to admission to the Finance program, a student must have earned a cumulative GPA of 2.5 or better within 27 credits of SMSU’s Liberal Arts Curriculum (LAC). Of the 27 credits of LAC courses used to determine the GPA, the following courses must be included: MATH 115 or MATH 140 or higher-level calculus course; ENG 102; ENG 103; and SPCH 110. No courses outside the LAC will be used to determine the GPA for entry into the Finance major program.

5. 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.

6. The above pre-finance requirements for admission to the Finance program are separate from SMSU’s Liberal Arts Curriculum (LAC) requirements. All students, including transfer and honor students, who plan to major in Finance must meet or exceed the Pre-Finance requirements.

7. Students in the Honors Program at SMSU may satisfy the pre-finance requirements for ENG 101, ENG 102 and ENG 103 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 3-6 above, must be completed as indicated.

I. Principle Courses in Business (33 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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>
</tbody>
</table>
III. Concentrations (15 credits)

A. Financial Planning and Investments Concentration**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADM 360</td>
<td>Insurance and Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 352</td>
<td>Analyzing Financial Statements</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 350</td>
<td>Federal Income Tax I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 451</td>
<td>Federal Tax II</td>
<td>3</td>
</tr>
<tr>
<td>BADM 365</td>
<td>Real Estate</td>
<td>3</td>
</tr>
<tr>
<td>FIN 460</td>
<td>Business Forecasting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 340</td>
<td>Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 451</td>
<td>Federal Tax II</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 330</td>
<td>Commodity Futures and Options Markets</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>MGMT 350</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 422</td>
<td>Production and Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 491</td>
<td>Senior Seminar - Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 351</td>
<td>e-Marketing</td>
<td>3</td>
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Choose any one of the following electives: (3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MGMT 320</td>
<td>Advanced Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>FIN 354</td>
<td>Working Capital Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 470</td>
<td>Capital Budgeting</td>
<td>3</td>
</tr>
<tr>
<td>BADM 355</td>
<td>Business Law II</td>
<td>3</td>
</tr>
<tr>
<td>BADM 365</td>
<td>Real Estate</td>
<td>3</td>
</tr>
<tr>
<td>FIN 460</td>
<td>Business Forecasting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 340</td>
<td>Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 330</td>
<td>Commodity Futures and Options Markets</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>MGMT 350</td>
<td>Human Resource Management</td>
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</tr>
<tr>
<td>MGMT 422</td>
<td>Production and Operations Management</td>
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**Can lead to Certified Financial Planner Certification.

B. Corporate Finance Concentration

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<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 470</td>
<td>Capital Budgeting</td>
<td>3</td>
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<tr>
<td>BADM 360</td>
<td>Insurance and Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 320</td>
<td>Advanced Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>BADM 355</td>
<td>Business Law II</td>
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<td>BADM 365</td>
<td>Real Estate</td>
<td>3</td>
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<tr>
<td>FIN 460</td>
<td>Business Forecasting</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 330</td>
<td>Commodity Futures and Options Markets</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>ECON 380</td>
<td>Public Finance</td>
<td>3</td>
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<tr>
<td>MGMT 323</td>
<td>Project Management</td>
<td>3</td>
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<tr>
<td>MGMT 420</td>
<td>Management Information Systems</td>
<td>3</td>
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<tr>
<td>MGMT 350</td>
<td>Human Resource Management</td>
<td>3</td>
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<tr>
<td>MGMT 422</td>
<td>Production and Operations Management</td>
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Choose any two of the following electives: (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BADM 360</td>
<td>Insurance and Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 320</td>
<td>Advanced Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>BADM 355</td>
<td>Business Law II</td>
<td>3</td>
</tr>
<tr>
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<td>Real Estate</td>
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<td>MGMT 422</td>
<td>Production and Operations Management</td>
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</tr>
</tbody>
</table>

*MGMT 492: Business Policy can substitute for FIN 492: Financial Policy if there are scheduling difficulties.
Graduation Requirements:
Majors in Finance must meet the following requirements in order to graduate:
1. A grade point average of 2.50 in all major course work taken at SMSU and an overall GPA of 2.50 in major course work including courses transferred from other institutions. Any exceptions to this requirement must be approved by the faculty of the Finance program.
2. All major programs must have the approval of the student’s advisor and the Finance faculty.
3. All Finance majors must take a comprehensive examination that will assess their basic knowledge and understanding gained in the general business curriculum. The examination is given in the course, FIN 495, Senior Examination, which should be taken during the student’s last semester before graduation.

Minor: Finance (27 credits)

A. Prerequisite Business Core Courses: (12 credits)
   - ACCT 211  Principles of Accounting I .................................................................3
   - ACCT 212  Principles of Accounting II .................................................................3
   - FIN 230  Business Statistics, or equivalent Statistics course........................3
   - ECON 202  Principles of Macroeconomics (can double count as an LAC requirement)....3

B. Finance Courses: (15 credits)
   1. Required Courses: (9 credits)
      - FIN 350  Managerial Finance .................................................................3
      - FIN 457  Corporate Finance I .................................................................3
      - FIN 458  Corporate Finance II .................................................................3
   2. Elective Courses: (6 credits)* ..............................................................................6
      - AGBU 360  Agricultural Finance .................................................................3
      - BADM 360  Insurance and Risk Management ........................................3
      - FIN 330  Financial Management for Small Business .........................3
      - FIN 352  Analyzing Financial Statements .................................................3
      - FIN 354  Working Capital Management .................................................3
      - FIN 365  Personal Financial Planning .....................................................3
      - FIN 375  Investments .................................................................3
      - BADM 365  Real Estate .................................................................3
      - FIN 460  Business Forecasting .................................................................3
      - FIN 470  Capital Budgeting .................................................................3
      - FIN 491  Senior Seminar - Finance .............................................................3
      - ECON 328  Money and Banking .............................................................3
      - ECON 380  Public Finance .................................................................3

Total Credits: 27

* Elective courses for the finance minor cannot be double-counted to meet the requirements for another major or minor.

NOTE: A grade point average of 2.00 in all minor course work is required.
FINANCE COURSES (FIN)

FIN 230 Business Statistics I (3 credits)
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. Prerequisite MATH 110 or equivalent.

FIN 231 Business Statistics II (3 credits)
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. Prerequisite: FIN 230.

FIN 286 Special Topics (1-4 credits)

FIN 330 Financial Management for Small Business (3 credits)
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. Prerequisite: MKTG 420.

FIN 350 Managerial Finance (3 credits)
Financial planning and analysis, capital budgeting, management of working capital, management of long-term funds, promotion, expansion, and evaluation. Prerequisites: ACCT 211 and 212.

FIN 352 Analyzing Financial Statements (3 credits)
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. Prerequisites: FIN 230, FIN 350.

FIN 353 Healthcare Financial Management (3 credits)
In this course, students analyze financial principles, theories and concepts unique to healthcare organizations. Students will also develop a historical perspective on the origins of healthcare finance, and they will study financial policies associated with governmental and third-party payers. Students will analyze healthcare organizations’ expenses, revenues, cash flows, cost allocations, cost determinations, cost effectiveness and financial performance. Students will assess resource allocations as they relate to decision making, strategic planning and budget formulation. Prerequisite: FIN 350.

FIN 354 Working Capital Management (3 credits)
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. Prerequisite: FIN 350.

FIN 356 Principles of Leasing (3 credits)
Provides a practical overview of equipment leasing as it is conducted in the United States. Key topic areas include the fundamentals of equipment leasing, financial reporting of lease transactions, lease vs. buy economic analysis, and leveraged leases. Prerequisites: FIN 350, ACCT 211, and ACCT 212.

FIN 357 Corporate Finance I (3 credits)
Provides an overview of managerial finance in the business world by investigating various forms of business organization and considers the goals of the corporate enterprise, which includes a discussion on business ethics and social responsibility. The course 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 stock and bond 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. Prerequisites: FIN 230, FIN 350, ACCT 211, ACCT 212; Recommended: ECON 201, ECON 202.

FIN 458 Corporate Finance II (3 credits)
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 the 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. Prerequisite: FIN 457.

FIN 460 Business Forecasting (3 credits)
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. Prerequisites: FIN 230, ECON 201.

FIN 465 Acquisitions and Business Valuation (3 credits)
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. Prerequisites: FIN 350, ACCT 211, and ACCT 212.

FIN 475 International Finance (3 credits)

FIN 486 Special Topics (1-4 credits)

FIN 491 Senior Seminar - Finance (3 credits)
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. Prerequisite: senior standing.

FIN 492 Financial Policy (3 credits)
Capstone course for Finance Majors. Provides 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. Prerequisite: FIN 350, FIN 458, Senior Standing.

FIN 493 Statistical Concepts & Terminology (1 credit)
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.

FIN 494 Independent Study (1-3 credits)
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. Prerequisite: junior standing.

FIN 495 Senior Examination (0 credits)
A comprehensive examination covering the Business Administration major. Prerequisites: Admission to the Finance major and senior standing.

FIN 499 Finance Internship and Seminar (1-6 credits)
The opportunity to pursue an internship is designed to supplement course materials with actual related work experience. Students are expected to integrate disciplinary knowledge in 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. Prerequisites: Prior approval for an internship position is determined by a Business Administration or designated faculty advisor; minimum of one semester in residence after internship; and a 2.25 GPA.
FOREIGN LANGUAGES

Office: Bellows Academic Center 109, 537-7206
Faculty: Elma Dassbach, Cornelia Evans, Chris French, Diane Leslie
Department: Humanities, Philosophy, and Foreign Languages

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.

French
Minor: French (12 credits)
French courses at the 300 level or above ................................................................. 12

German*
Minor: German (12 credits)
German courses at the 300 level or above ................................................................. 12

Spanish
Bachelor of Arts: Spanish (32 credits)
SPAN 201* Intermediate Spanish ........................................................................ 4
SPAN 202* Intermediate Spanish ........................................................................ 4
Spanish courses at the 300 level or above ................................................................. 24
Total Credits: 32

* 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)
Spanish courses at the 300 level or above ................................................................. 12

For students interested in completing a foreign-language minor within a broader international business preparation, see the Business Administration section.

PLEASE NOTE: Students interested in meeting the Minnesota professional teaching licensure requirements should contact an advisor in the SMSU Education Department.

Classical Studies*
Minor: Classical Studies (21 credits)
I. Basic Requirements: (18 credits)
FRLG 111, 112 Beginning Latin ............................................................................... 6
FRLG 211, 212 Intermediate Latin ........................................................................... 6
LIT 310 Greek Myth and Literature ........................................................................... 3
HIST 242 European Civilization I ............................................................................ 3
II. Three credits chosen from the following courses:
ART 250 Ancient Art History ................................................................................ 3
FRLG 494 Independent Study in Foreign Languages .............................................. 3
MATH 350 History of Mathematics ........................................................................... 3
PHIL 330 History of Philosophy I: Values ............................................................. 3

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
### FOREIGN LANGUAGES COURSES (FRLG)

**FRLG 111 (LAC) Beginning Latin I (3 credits)**
This is an introductory course in Latin grammar. The focus of the course is on learning the language so that students can begin to read classical and medieval Latin literature. The course also provides an introduction to the history and culture of ancient Rome and the European Middle Ages.

**FRLG 111-30 Latin Lab (1 credit)**
This is an optional, one-credit laboratory course for students enrolled in Beginning Latin I (FRLG 111). The purpose of the course is to provide additional drill in Latin grammar and syntax.

**FRLG 112 (LAC) Beginning Latin II (3 credits)**
This is a second course in Latin grammar. The focus of the course is on learning the languages so that students can begin to read classical and medieval Latin literature. The course also provides an introduction to the history and culture of ancient Rome and the European Middle Ages. Prerequisite: Beginning Latin I or equivalent.

**FRLG 112-30 Latin Lab (1 credit)**
This is an optional, one-credit laboratory course for students enrolled in Beginning Latin II (FRLG 112). The purpose of the course is to provide additional drill in Latin grammar and syntax.

**FRLG 211 (LAC) Latin III (3 credits)**
This course provides a review of Latin grammar and an introduction to Latin literature. Students may read works of a single author or selected works from a particular period. Texts will be discussed in their historical and cultural background. Prerequisite: one year college Latin or equivalent.

**FRLG 212 (LAC) Latin IV (3 credits)**
This is a course in Latin literature. Students read a major work of classical antiquity or the European Middle Ages. Prerequisite: three semesters college Latin or equivalent.

**FRLG 250 English Word Origins (1-2 credits)**
This is a course in vocabulary building. Students learn the origin of words, especially those that have come into English from ancient Greek and Latin; begin building a basic vocabulary based on Latin and Greek derivatives; and learn to recognize Latin and Greek roots, prefixes, and suffixes.

**FRLG 286 Special Topics (1-4 credits)**

**FRLG 292 Honors Credit in Latin (1 credit)**
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in Latin course(s). Prerequisite: consent of instructor.

**FRLG 486 Special Topics (1-4 credits)**

**FRLG 494 Independent Study in Foreign Language (1-4 credits)**

### FRENCH COURSES (FREN)

**FREN 101 (LAC, G) Beginning French I (3 credits)**
This course will introduce students to speaking, reading, and writing in the French language. It will also introduce students to some representative works of French literature (in translation), art, and music from one particular century in French history. The course will demonstrate how language, art, and literature form a cultural context for an understanding of the ideas and values of French society.

**FREN 102 (LAC, G) Beginning French II (3 credits)**
This course will continue building language skills of speaking, listening comprehension, pronunciation, reading, and writing in the French language. It will also introduce students to some representative works of French literature (in translation), art, and music from one particular century in French history. Prerequisite: FREN 101 or test out.
FREN 201/202 (LAC,G) Intermediate French I/II (4 credits each)
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. Prerequisites: FREN 102, or three years of high school French and demonstrated proficiency for 201; FREN 201 or FREN 202.

FREN 286 Special Topics (1-4 credits)

FREN 292 Honors Credit in French (1 credit)
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 French course. Prerequisite: consent of instructor.

FREN 310 Conversation and Composition I (3 credits)
Study of advanced grammar, with extensive speaking practice. Writing of sustained passages of expository French prose. Prerequisite: FREN 202 or equivalent (four to five years of high school French). Offered in alternate years.

FREN 311 Conversation and Composition II (3 credits)
Study of advanced grammar, with extensive speaking practice. Writing of sustained passages of expository French prose. Prerequisite: FREN 202 or equivalent (four to five years of high school French). Offered in alternate years.

FREN 321 French Culture Through the Renaissance (3 credits)
Survey of French history, geography, art and literature from the Prehistoric Period through the French Renaissance. Prerequisites: FREN 310, 311 or equivalent preparation.

FREN 322 Contemporary France (3 credits)
Survey of contemporary French society and culture. Prerequisites: FREN 310, 311, or equivalent preparation.

FREN 331 Introduction to the Study of French Literature (3 credits)
Introductory study of French literature, covering poetry, drama and one or more short novels. Prerequisite: FREN 310, 311, or equivalent preparation.

FREN 332 Special Area Studies in French (3 credits)
In-depth study of selected topics, such as French film, the Quebec experience, the European Community, or the French presence in Africa. Prerequisites: FREN 310, 311, or equivalent preparation.

FREN 384 Study Abroad (3 credits)
Offers students studying or traveling in French-speaking countries the opportunity to earn three credits toward the French Minor. Prerequisite: consent of the Foreign Language Program prior to registration and departure.

FREN 486 Special Topics (1-4 credits)

FREN 494 Independent Studies in French (1-3 credits)
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. Prerequisite: consent of instructor.

GERMAN COURSES (GER)

GER 101 (LAC) Beginning German I (3 credits)
An introduction to German, working toward the ability to communicate with German speaking people in matters affecting everyday life.

GER 102 (LAC) Beginning German II (3 credits)
Continuation of GER 101. Prerequisite: GER 101 or test-out.

GER 201/202 (LAC) Intermediate German I/II (4 credits each)
Developing fluency in oral and written German with emphasis on reading skill and grammar review. Prerequisites: GER 102 and GER 103.

GER 286 Special Topics in German (1-4 credits)

GER 292 Honors Credit in German (1 credit)
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 German course. Prerequisite: consent of instructor.

GER 301/302 Special Area Studies in German (2 credits).
Reading selected German authors, with special attention to the 19th and 20th centuries. Prerequisite: GER 202.

GER 311/312 Conversation I, II (1 credits)
Understanding German spoken at normal speed, expressing thoughts in a sustained conversation. Prerequisite: GER 202.
**Foreign Languages**

**GER 401 Special Area Studies in German (2 credits)**
Major personalities, movements and works in German literature from 1760 to 1850, the Golden Age of German literature. May be repeated for credit as subject matter varies. Prerequisite: GER 202.

**GER 486 Special Topics in German (1-4 credits)**

**GER 494 Independent Study in German (1-6 credits)**
May be repeated up to 6 credits. Prerequisite: consent of instructor.

**SPANISH COURSES (SPAN)**

**SPAN 101 (LAC, G) Beginning Spanish I (3 credits)**
Introduces students to the listening, speaking, reading and writing of Spanish and understanding the culture of Spanish speaking countries.

**SPAN 102 (LAC, G) Beginning Spanish II (3 credits)**
Continuation of SPAN 101. Prerequisite: SPAN 101 or equivalent.

**SPAN 201/202 (LAC,G) Intermediate Spanish I/II (4 credits each)**
Continue the development of the four basic language skills. Culture is taught through selected reading in Spanish. Prerequisite: SPAN 102 for 201 and 201 for 202. Those with sufficient prior preparation may petition to substitute SPAN 311, 312 for any Intermediate Spanish course.

**SPAN 286 Topics in Hispanic Culture and Literature (1-4 credits)**
Topics in Hispanic Culture and Literature. Prerequisite: consent of instructor.

**SPAN 292 Honors Credit in Spanish (1 credit)**
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 Spanish course. Prerequisite: consent of instructor.

**SPAN 311/312 (G) Spanish Composition and Conversation (3 credits each)**
Written and oral practice based on themes drawn from contemporary culture of Spanish-speaking countries. Some review of grammar. Prerequisite: SPAN 202 or consent of instructor.

**SPAN 321 (G) Introduction to the Study of 20th Century Literary Movements (3 credits)**
A study of selected works from 20th century Iberian and Latin American authors which will stress major themes and movements. Prerequisite: SPAN 202 or consent of instructor.

**SPAN 335 Spanish for Professions, Community Service and Business (3 credits)**
Work toward proficiency in areas of communication skills required for those who intend to use Spanish as a principal asset in their occupation. Prerequisite: SPAN 202 or consent of instructor.

**SPAN 341 (G) Spanish Culture and Civilization (3 credits)**
A systematic overview of Iberian culture and civilization. Geography, political, social, and intellectual history will be the basis for reading, writing, and discussion. Prerequisite: SPAN 202 or consent of instructor.

**SPAN 342 (G) Latin American Culture and Civilization (3 credits)**
Major cultural and historical aspects of Latin America from pre-colonial times to the present will be the basis for reading, writing, and discussion. Prerequisite: SPAN 202 or consent of instructor.

**SPAN 394 Supervised Study in Spanish-Speaking Foreign Countries (1-8 credits)**
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.

**SPAN 421/422 Survey of Peninsular Literature (3 credits each)**
Discussion and analysis of major literary trends and writers from representative authors from Spain. Prerequisite: SPAN 341 preferred.

**SPAN 423/424 Survey of Latin American Literature (3 credits each)**
Discussion and analysis of major literary trends and writers from representative Latin American authors. Prerequisite: SPAN 342 preferred.

**SPAN 465 Independent Studies in Spanish (1-3 credits each)**
For advanced students. Credits and hours by arrangement. May be repeated. Prerequisite: consent of instructor.

**SPAN 486 Topics in Hispanic Culture and Literature (1-4 credits)**
Topics in Hispanic Culture and Literature. Prerequisite: consent of instructor.
GLOBAL STUDIES

Office: Charter Hall 101, 537-6114
Contact: Pat Brace, Director, 537-7456, pbrace@SouthwestMSU.edu
Jan Christenson, Administrative Assistant, christen@SouthwestMSU.edu

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 coursework, 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.

Program Options:

Global Studies Clusters
Usually consist 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

The Global Studies Office can also assist you with information and planning of longer Travel Abroad options, such as semester or summer long opportunities, through cooperation with programs on other campuses.

Please contact: SMSU Global Studies Director: Dr. Pat Brace in BA 146 at 507-537-7456 pbrace@southwestmsu.edu or Jan Christenson, Global Studies Secretary in CH 101 at 507-537-6114, christen@southwestmsu.edu

GLOBAL STUDIES COURSES (GLBL)

GLBL 100 (G) Global Studies Issues and Events

GLBL 199 (G) Global Studies Seminar and Lab
(4 credits)
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 first-hand. Prerequisite: concurrent enrollment in the designated Global Studies Cluster courses, or consent of the program.
HISTORY

Office: Social Science 103, 537-7336
Faculty: Joan Gittens, Michael Hofstetter, Jeffrey Kolnick, Thomas Williford
Department: Social Science

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.

Bachelor of Arts: History (39 credits)

HIST 201 Rural World .................................................................3
OR .............................................................................................................................3
HIST 210 World History .................................................................3
HIST 221 Early America: History of the U.S. from the Colonial Era to Civil War .................3
HIST 222 Modern America: History of the U.S. 1865 to the Present ....................................3
HIST 242 European Civilization I: Ancient and Medieval Europe ...........................................3
HIST 243 European Civilization II: Modern and Contemporary Europe ..................................3
HIST 301 Historiography ........................................................................................................3
HIST 387 Pro-Seminar ............................................................................................................3
HIST 487 Senior Seminar ......................................................................................................3
Five elective courses in History ......................................................................................................15

One of the electives shall be selected from the following courses in non-western history:

HIST 311 World in War and Crisis, 1910-1945 .................................................................3
HIST 314 Modern Latin America .........................................................................................3
HIST 315 Mexico and Central America ..............................................................................3
HIST 316 South America and the Caribbean ........................................................................3
HIST 321 U.S.-Latin American Relations ............................................................................3
HIST 322 Comparative Colonialisms ....................................................................................3
HIST 324 The Post-Colonial World .....................................................................................3
HIST 325 Africa since 1800 .................................................................................................3
HIST 326 Slavery, Race, and Gender in the Atlantic World ..................................................3
HIST 328 History of Cuba ....................................................................................................3
HIST 351 Origins of Islamic Civilization ...............................................................................3

Students who are not seeking a Social Science licensure may substitute one of the following courses for a history elective:

INDS 325 Genocide, Survival, and Indigenous Peoples .........................................................3
INDS 326 Decolonization, Recovery, and Indigenous Peoples .............................................3
PHIL 331 History of Philosophy II: Human Institutions .......................................................3

Total Credits: 39

Students majoring in history are strongly encouraged to devote themselves seriously to the study of a foreign language.

History majors shall maintain an overall GPA of 2.8 with no grade lower than a “C” in classes for the major.

Minor: History (18 credits)

I. Take a total of 6 credits from this section. Only one course per grouping.................................6
   a. HIST 201 The Rural World .........................................................................................3
   b. HIST 210 World History ..........................................................................................3
   c. HIST 221 Early America .........................................................................................3

Effective 07/01/08

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HISTORY COURSES (HIST)

HIST 150 Perspectives in History (3 credits)
Selected topics viewed in historical perspective.

HIST 201 (LAC, E, R, S) The Rural World (3 credits)
This course will survey the origins and development of agriculture from neolithic times to the mechanization and rationalization of agricultural production in the 19th and 20th centuries. It will also concentrate on the social, political, cultural and economic structures of European village life and on the special development of American agricultural society from colonial times to the 20th century.

HIST 210 (LAC, G) World History in the 20th Century (3 credits)
A survey of American civilization with emphasis on the political, economic, and social aspects of our development prior to 1865.

HIST 221 (LAC, C, D) Early America: History of the United States from the Colonial Era to the Civil War (3 credits)
A survey of American civilization with emphasis on the political, economic, and social aspects of our development prior to 1865.

HIST 222 (LAC, C, D) Modern America: History of the United States from 1865 to the Present (3 credits)
A survey of American civilization with emphasis on the social, economic, and political history of the United States from 1865 to the present.

HIST 242 (LAC, G) European Civilization I: Ancient and Medieval Europe (3 credits)
Course surveys European civilization from the time of the Greeks and Romans to the Renaissance.

HIST 243 (LAC, G) European Civilization II: Modern and Contemporary Europe (3 credits)
This course surveys European history from the Renaissance to the 20th century.

HIST 286 Special Topics (1-4 credits)

HIST 301 Historiography (3 credits)
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.

HIST 292 Honors Credit in History (1 credit)
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 history course. Prerequisite: consent of instructor.

HIST 301 Historiography (3 credits)
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.

HIST 311: World at War and Crisis, 1910-1945 (3 credits)
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, US, 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.
HIST 314 Modern Latin America (3 credits)
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.

HIST 315 (G) Mexico and Central America (3 credits)
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.

HIST 321 U.S.-Latin American Relations (3 credits)
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.

HIST 322 Development in the Post-Colonial World (3 credits)
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.

HIST 325 Africa Since 1800 (3 credits)
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.

HIST 326 Slavery, Race, and Gender in the Atlantic World (3 credits)
This course will examine comparatively Atlantic slavery and the slave trade, with particular emphasis on Latin America and the Caribbean. Topics will include the origin and functioning of the Atlantic slave trade, slave life, work, family, community, religion, resistance, and abolition.

HIST 328: History of Cuba (3 credits)
This course examines the history of Cuba, from pre-colonial times to today, with a special emphasis on 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.

HIST 331 U.S. Since 1945 (3 credits)
A broad look at American social, cultural, and political history in a crucial modern period.

HIST 350 The Vietnam Wars, 1945-1975 (3 credits)
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.

HIST 351 (G) The Origins of Islamic Civilization (3 credits)
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.

HIST 352 American Revolution and the Early Republic, 1763-1816 (3 credits)
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. Prerequisite: HIST 221 or consent of instructor.

HIST 354 Growing Up In America (3 credits)
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.

HIST 355 Growth of U.S. Foreign Policy (3 credits)
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.

HIST 356 Civil War and Reconstruction (3 credits)
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.
HIST 359 (D, R) African-American History: Civil War to the Present (3 credits)
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.

HIST 360 (D) American Women’s History (3 credits)
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.

HIST 362 The Making of Modern America, 1890-1920 (3 credits)
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. Prerequisite: HIST 222 or consent of instructor.

HIST 363 A History of Social Welfare in the United States (3 credits)
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.

HIST 364 Immigration and Ethnicity in U.S. History (3 credits)
This course provides a broad historical survey of the process of migration and its impact on U.S. social, political, and cultural development. Prerequisite: HIST 222 or consent of instructor.

HIST 365 Roman Civilization (3 credits)
This class will discuss the origins, development, and decline of Roman civilization.

HIST 370 History of Capitalism (3 credits)
This course will chart the development of capitalism from Adam Smith to the Global Economy of our own time.

HIST 371 (D, E) History of the American West (3 credits)
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. Prerequisite: HIST 221 or 222 or consent of instructor.

HIST 375 The Middle Ages and the Renaissance (3 credits)
This course will examine the political institutions, the economy, the art, and the society of the Middle Ages and the Renaissance.

HIST 376 The Middle Ages and the Renaissance (3 credits)
This course will examine the political institutions, the economy, the art, and the society of the Middle Ages and the Renaissance.

HIST 377 Modern Germany (3 credits)
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.

HIST 378 The U.S., 1920-1945 (3 credits)
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. Prerequisite: HIST 222 or consent of instructor.

HIST 380 The Examined Life: American History through Autobiography (3 credits)
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. Prerequisite: HIST 222 or consent of instructor.

HIST 381 History of Russia I (3 credits)
This course surveys Russian civilization from earliest beginnings to the 19th century.

HIST 382 History of Russia II (3 credits)
This course surveys Russian civilization from the 19th century to the present.

HIST 383 History of England I (3 credits)
This course surveys British civilization from the beginning to the 18th century.

HIST 384 History of England II (3 credits)
This course surveys British civilization since the 18th century.

HIST 387 Pro-Seminar (3 credits)
This course is designed to provide reading and discussion of selected topics not covered in the regular curriculum and an introduction to research techniques. Prerequisite: consent of instructor. Must be taken the term before senior seminar.

HIST 395 Minnesota History (3 credits)
This course surveys the social, economic, and political development of Minnesota.
HIST 486 Advanced Special Topics in History (1-4 credits)

HIST 487 (M) Senior Seminar – Capstone Course (3 credits)
In this capstone course, topics are considered through reading, discussion, and primary research. This course will include a paper based on primary resources. Prerequisites: HIST 387 and consent of instructor.

HIST 494 Individual Study in History (1-4 credits)
Prerequisite: consent of instructor. Student must propose topic and offer a preliminary bibliography.
HONORS COURSES:

**IDST 140 Introduction to Honors (1 credit)**
A course to assist incoming freshmen who have shown an interest in becoming more familiar with the Honors Program. The main objective will be to assist freshmen students to design an Honors Program, but there will be formal discussions of topical issues, guest faculty visits, off-campus visits, and a careful reading of several central texts.

**IDST 286 Honors Special Topics (1-4 credits)**

**IDST 287 Honors Seminar I (3 credits)**
A sophomore level interdisciplinary seminar for honors students as partial fulfillment of the requirements of the Honors Program. Prerequisite: enrollment in Honors Program or consent of instructor.

**IDST 405 Honors Project (3-9 credits)**
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. Prerequisite: enrollment in the Honors Program.

**IDST 410 Honors Mentor (2 credits)**
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. Prerequisite: Program approved by Review Board.

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Honors Credits:
Honors students may sign up for additional credits in the following fields. These credits are to be taken in conjunction with a regular course offering and allow an honors student to pursue a special project or to develop a class assignment in greater depth and detail. All of these credits require consent of instructor and/or department prior to enrollment.

HONORS CREDITS

ART 292 Honors Credit in Art (1-2 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in art course(s). Prerequisite: consent of instructor.

BIOL 292 Honors Credit in Biology (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in biology course(s). Prerequisite: consent of instructor.

CHEM 292 Honors Credit in Chemistry (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in chemistry course(s). Prerequisite: consent of instructor.

COMP 292 Honors Credit in Computer Science (1-4 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in computer science course(s). Prerequisite: consent of instructor.

ED 292 Honors Credit in Education (1-3 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in education course(s). Prerequisite: consent of instructor.

ENG 292 Honors Credit in American Language (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in American language course(s). Prerequisite: consent of instructor.

FREN 292 Honors Credit in French (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in French course(s). Prerequisite: consent of instructor.

GER 292 Honors Credit in German (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in German course(s). Prerequisite: consent of instructor.

HLTH 292 Honors Credit in Health (1-4 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in health course(s). Prerequisite: consent of instructor.

HIST 292 Honors Credit in History (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in history course(s). Prerequisite: consent of instructor.

HUM 292 Honors Credit in Humanities (1 credit)
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). Prerequisite: consent of instructor.

LIT 292 Honors Credit in Literature (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in literature course(s). Prerequisite: consent of instructor.

MATH 292 Honors Credit in Math (1-4 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in math course(s). Prerequisite: consent of instructor.
MUS 292 Honors Credit in Music (1-4 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in music course(s). Prerequisite: consent of instructor.

PHIL 292 Honors Credit in Philosophy (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in philosophy course(s). Prerequisite: consent of instructor.

PE 292 Honors Credit in Physical Education (1-4 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in physical education course(s). Prerequisite: consent of instructor.

PSYC 292 Honors Credit in Psychology (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in psychology course(s). Prerequisite: consent of instructor.

POL 292 Honors Credit in Political Science (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in political science course(s). Prerequisite: consent of instructor.

SPAN 292 Honors Credit in Spanish (1 credit)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in spanish course(s). Prerequisite: consent of instructor.

SPCH 292 Honors Credit in Speech Communication (1-4 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in speech communication course(s). Prerequisite: consent of instructor.

THTR 292 Honors Credit in Theatre Arts (1-4 credits)
An independent study designed primarily for Honors Program students to allow more in-depth or comprehensive study for students concurrently enrolled in theatre course(s). Prerequisite: consent of instructor.
HOSPITALITY MANAGEMENT

Office: Individualized Learning 121, 537-6436
Faculty: Michael Cheng, Kurt Struwe, Bill Bennett
Department: Business and Public Affairs

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.

Pre-Hospitality Management Requirements:
Students seeking a B.S. in Hospitality Management must complete the Pre-Hospitality Management requirements.

Pre-Hospitality Management requirements for students to be accepted as majors in Hospitality Management (HOSP) are:

1. Complete ENG 101 or otherwise satisfy the ENG 101 requirement.
2. 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 102 (Rhetoric: The Essay)
   c. ENG 103 (Rhetoric: Critical Writing)
   d. SPCH 110 (Essentials of Speaking and Listening)
   e. ECON 201 (Microeconomics)
   f. BIOL 100 (Biology in the Modern World) or BIOL 200 (Cell Biology)
      Depending on which Nutrition course the student will be registering for, the appropriate prerequisite Biology course must be completed. BIOL 100 satisfies the prerequisite requirement for HLTH 232 Nutrition and BIOL 200 satisfies the prerequisite requirement for HLTH 232 Nutrition and BIOL 337 Fundamentals of Nutrition.
3. 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 HOSP program.
4. Prior to admission to the HOSP program, a student must have earned a cumulative GPA of 2.5 or better within 27 credits of SMSU’s Liberal Arts Curriculum (LAC). No courses outside the LAC will be used to determine the GPA for entry into the HOSP major program.
5. The Hospitality Management faculty relies upon active advising and up-to-date record keeping assuring that qualified students are admitted as full HOSP majors. Students who have not yet met the Pre-Hospitality Management requirements are provided with advice and guidance to pursue entry into the program.
6. The above Pre-Hospitality Management requirements for admission to the HOSP program are separate from SMSU’s Liberal Arts Curriculum (LAC) requirements. All students, including transfer and honor students, who plan to major in Hospitality Management must meet or exceed the Pre-Hospitality Management requirements.
7. Students in the Honors Program at SMSU may satisfy the Pre-Hospitality Management requirements for ENG 101, ENG 102 and ENG 103 by completing their approved Honors Curriculum. The other requirements, including 2.d-e and the requirements 3-6 above, must be completed as indicated.

Major 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 HOSP program.

Effective 07/01/08

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Bachelor of Science: Hospitality Management (56-62 credits)

A. Business Core Courses: (15 credits)
- ACCT 211 Accounting I .................................................................3
- ACCT 212 Accounting II ..............................................................3
- BADM 280 Computer Concepts and Applications ..................3
- BADM 380 Management Principles ........................................3
- MKTG 301 Marketing Principles ..............................................3

B. HOSP Core Courses: (23 credits)
- HOSP 100 Introduction to Hospitality Management ........2
- ACCT 300 Hospitality Accounting ...........................................3
- HOSP 320 Hospitality Law .......................................................3
- HOSP 340 Hospitality Property Layout and Design ..............3
- HOSP 460 Hospitality Operations and Policy (Capstone) ..........3
- HOSP 499 Internship ..............................................................3
- BADM 335 Human Resource Management .......................3

Select one Nutrition course requirement:
- HLTH 232 Nutrition .................................................................3
- BIOL 377 Fundamentals of Nutrition .....................................3

C. Concentrations (Choose one)

Hotel Administration Concentration: (18 credits)
- HOSP 200 Hotel/Resort Operations ........................................3
- HOSP 230 Rooms Division ......................................................3
- HOSP 330 Lodging Service Management ............................3
- HOSP 400 Sales and Convention Management ..................3
- HOSP 430 Hotel/Resort Management Seminar .....................3

Select one course from below:
- HOSP 440 Club Management ................................................3
- HOSP 360 Ethics in Hospitality ..............................................3
- HOSP 380 Restaurant Concepts ............................................3
- HOSP 401 Advanced Culinary Techniques .........................3
- HOSP 405 Catering/Banquet Management .........................3
- HOSP 410 Beverage Management .........................................3
- BADM 420 Diversity Management .......................................3

Restaurant Management Concentration: (22 credits)
- HOSP 101 Principles of Food Preparation ............................3
- HOSP 120 Food Sanitation and Safety ...................................2
- HOSP 205 Purchasing ............................................................3
- HOSP 301 Restaurant Food Operations .................................2
- HOSP 301L Restaurant Food Operations Experience ...........3
- HOSP 325 Menu Design & Service Management ................3
- HOSP 410 Beverage Management ........................................3

Select one course from below:
- HOSP 360 Ethics in Hospitality ..............................................3
- HOSP 380 Restaurant Concepts ............................................3
- HOSP 401 Advanced Culinary Techniques .........................3
- HOSP 405 Catering/Banquet Management .........................3
- MKTG 321 Retail Management ............................................3
- MKTG 331 Professional Selling ............................................3
- BADM 420 Diversity Management .......................................3

Culinary Management Concentration: (24 credits)
- HOSP 120 Food Sanitation and Safety ...................................2
- HOSP 205 Purchasing ............................................................3
- HOSP 301 Restaurant Food Operations .................................3
- HOSP 301L Restaurant Food Operations Experience ...........3
- CULG 200 Culinary Essentials I ..........................................4
- CULG 210 Culinary Essentials II ..........................................4
- CULG 250 Introduction to Baking and Pastry ......................3

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Select one course from below:

HOSP 380 Restaurant Concepts .................................................................3
HOSP 401 Advanced Culinary Techniques ..............................................3
HOSP 405 Catering/Banquet Management ...........................................3
CULG 260 Principles of Garde Manger and Buffet ...............................3
CULG 300 International Cuisine ............................................................3
BADM 420 Diversity Management .........................................................3

D. General Electives: (19 – 25 hours)

HOSP 100 Introduction to Hospitality Management (HOSP)
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.

HOSP 101 Principles of Food Preparation (3 credits)
Fundamental concepts, skills and techniques involved in basic cookery are covered in this course. Special emphasis is given to the study of ingredients, cooking theories and preparation of stocks, broths, glazes, soups, thickening agents, grand sauces and emulsion sauces. Lectures and demonstrations teach organizational skills in the kitchen, work coordination and knife skills. The basics of vegetable cookery, starch cookery and meat, fish, and poultry cookery are covered, as well as basic cooking techniques such as sautéing, roasting, poaching, braising and frying. Students must successfully pass a practical cooking examination covering a variety of cooking techniques. Prerequisite: HOSP 120 or concurrent registration in HOSP 120.

HOSP 120 Food Sanitation and Safety (2 credits)
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.

HOSP 200 Hotel/Resort Operations (3 credits)
Students will be introduced to the scope of the hotel industry in addition to introducing them to the organizational structure and operational mechanics of how the departments of an individual hotel and resort operate. It studies both the front-of-house and back-of-house systems, procedures and controls associated with a modern hotel and resort. Students will know how work is performed and how activities are coordinated within and between the departments. Students will have a basic understanding of facilities management, learning how to manage the physical plant of a hotel, resort or restaurant and work effectively with the engineering and maintenance department. Prerequisite: HOSP 100.

HOSP 205 Hospitality Purchasing (3 credits)
Procurement procedures with emphasis on orientation to the market place, specification writing, and evaluation of products. Prerequisite: HOSP 100.

HOSP 230 Rooms Division (3 credits)
Examines the techniques, issues, and problems of rooms division management systems. Incorporates the examination of the major departments which traditionally report to the Rooms Division including: the front office, housekeeping, engineering, and security. Prerequisite: HOSP 200.

HOSP 301 Restaurant Food Operations (2 credits)
Principles of and procedures used in food production management including quality control, food costing, work methods, menu planning, sanitation, safety and service. Prerequisite: HOSP 205.

HOSP 301L Restaurant Food Operations Experience (3 credits)
Application of full service restaurant food production and management techniques in the student operated restaurant. Co-requisite: HOSP 301.

HOSP 315 Food, Beverage, & Labor Cost Control (3 credits)
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. Prerequisite: HOSP 101 and HOSP 120.

HOSP 320 Hospitality Law (3 credits)
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. Prerequisite: HOSP 100.

HOSP 325 Menu Design & Service Management (3 credits)
Design principles and the application of menu engineering techniques producing high quality, profitable menus for foodservice operations. Planning, production, service, and

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evaluation of the dining experience. Prerequisite: HOSP 101 and HOSP 120.

HOSP 330 Lodging Service Management (3 credits)
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. Prerequisite: HOSP 230.

HOSP 340 Hospitality Property Layout and Design (3 credits)
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. Prerequisite: HOSP 230 or HOSP 301.

HOSP 360 Ethics in Hospitality (3 credits)
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. Prerequisite: HOSP 100.

HOSP 380 Restaurant Concepts (3 credits)
All facets of the restaurant business is explored, including, but not limited to, fast food, fast casual, fine dining, midscale, home replacement, catering, and takeout. Students will do comparisons of chain versus independent and franchise versus non-franchise restaurants. Prerequisite: HOSP 301 and HOSP 340.

HOSP 400 Sales & Convention Management (3 credits)
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. Prerequisite: HOSP 200.

HOSP 401 Advanced Culinary Techniques (3 credits)
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. Prerequisite: HOSP 301 and HOSP 325.

HOSP 405 Catering/Banquet Management (3 credits)
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. Prerequisite: HOSP 301 and HOSP 325.

HOSP 410 Beverage Management (3 credits)
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. Prerequisite: HOSP 301 and HOSP 325.

HOSP 430 Hotel/Resort Management Seminar (3 credits)
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. Prerequisite: HOSP 330.

HOSP 440 Club Management (3 credits)
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. Prerequisite: HOSP 330.

HOSP 460 Hospitality Operations and Policy (3 credits)
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. Prerequisite: Senior Standing.

HOSP 486 Special Topics (1-4 credits)

HOSP 499 Hospitality Internship (3)
This course culminates at the end of the program and allows the student to add an experiential component to their development as a professional in the foodservice industry. Students will work in a hospitality facility that provides a continuation of the skills learned while in school. They can do this in any number of establishments found throughout the state. Students will also be required to keep a log and develop specific learning outcomes. Prerequisite: Junior Standing.

Effective 07/01/08

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

HUMT 201 (LAC, C, T) Humanities: Origins of Western Civilization (3 credits)
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.

HUMT 202 (LAC, C, T) Humanities: European Middle Ages and Renaissance (3 credits)
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.

HUMT 203 (LAC, C, T) Humanities: Modern Western Civilization (3 credits)
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.

HUMT 211 (LAC, C, G) Humanities: The Ancient World (3 credits)
This course introduces students to the humanities. It follows a comparative topical approach to primary sources drawn from ancient civilizations worldwide.

HUMT 212 (LAC, C, G) Humanities: The Modern World (3 credits)
This course introduces students to the humanities. It follows a comparative topical approach to primary sources drawn from modern civilizations worldwide.

HUMT 286 Advanced Topics in Humanities (1-6 credits)
A study of different topics in the humanities. See current course schedule for topic listing when offered.

HUMT 292 Honors Credit in Humanities (1 credit)
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). Prerequisite: consent of instructor.

HUMT 486 Special Topics in Humanities (1-6 credits)
A study of different topics in the Humanities. See current course schedule for topic listing when offered.

Office: Bellows Academic Center 109, 537-7206
Faculty: Patricia Brace, Stewart Day, Cornelia Evans
Department: Humanities, Philosophy, and Foreign Languages
INDIGENOUS NATIONS AND DAKOTA STUDIES

Office: Social Science 103, 537-6224

Department: Social Science

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.

Minor: Indigenous Nations and Dakota Studies (18 credits)

Core Requirements (12 credits)

INDS 101 Introduction to Indigenous Nations and Dakota Studies ................................................3
INDS 230 Dakota History and Culture ..................................................................................................3
INDS 310 Indigenous Spirituality and World View ............................................................................3
INDS 325 Genocide, Survival, and Indigenous Peoples ........................................................................3
INDS 326 Decolonization, Recovery, and Indigenous Peoples .........................................................3

Electives: (Suggested list from which to select 6 credits) *

- ANTH 216 Indians of North America ....................................................................................................3
- HIST 315 Mexico and Central America ..............................................................................................3
- HIST 316 South America and the Caribbean ....................................................................................3
- INDS 344 U.S. Policy, Imperialism, and Indigenous Peoples (Capstone) ....................................3
- LIT 355 Native American Literature ..................................................................................................3
- SOCI 331 Minorities in American Society ............................................................................................3

* Other elective courses may be selected in consultation with the INDS Coordinator.

INDIGENOUS NATIONS AND DAKOTA STUDIES COURSES (INDS)

INDS 101 (LAC, D, R, S) Introduction to Indigenous Nations and Dakota Studies (3 credits)

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.

INDS 217 (R, S) Indigenous Peoples of Minnesota (3 credits)

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 native groups will be focused on, as well as contemporary issues facing the indigenous peoples of Minnesota. Decolonization is the theoretical perspective of the course. Prerequisite: INDS 101 preferred.

INDS 220 (LAC, C, D) Difficult Dialogues: Breaking the Indigenous Stereotype (3 credits)

The 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” and “immigrant Indian.” The purpose and use of stereotypes will be studied as well.
INDS 230 (D, R, S) Dakota History and Culture (3 credits)
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.

INDS 250 Indigenous Literature and Film (3 credits)
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.

INDS 286 Special Topics (1-4 credits)
Designed to provide lower-division students with an opportunity to experience a special or experimental curriculum enrichment course.

INDS 310 (D, R, S) Indigenous Spirituality and World View (3 credits)
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.

INDS 325 Genocide, Survival, and Indigenous Peoples (3 credits)
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.

INDS 326 Decolonization, Recovery, and Indigenous Peoples (3 credits)
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.

INDS 344 (M) U.S. Policy, Imperialism, and Indigenous Peoples (3 credits)
A seminar and capstone course for INDS 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.

INDS 345 Education, Colonialism, and Indigenous Peoples (3 credits)
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.

INDS 486 Special Topics (1-4 credits)
Designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.
INTERDISCIPLINARY STUDIES

For information on the Individualized Interdisciplinary Major, see the section “Academic Organization:” in the online academic catalog available at www.SouthwestMSU.edu.

INTERDISCIPLINARY STUDIES COURSES (IDST)

IDST 095 Taking the GMAT/GRE (3 credits)
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 better scores on the GRE and GMAT, as well as review the basic math, English and writing abilities that are necessary for the exams. Prerequisite: junior or senior standing, or consent of instructor.

IDST 025 Basic Academic Skills (1 credit)
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. Prerequisite: consent of instructor.

IDST 080 Job Search Strategies: From Backpack to Briefcase (1 credit)
This course is to enlighten student about how to succeed in their transition from college to work. Topics like “Employer Expectations” addresses 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 covered include: finances and budgeting, professional conduct, first year on the job, business ethics and the 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 long-term success within an 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 résumé and electronic portfolio. Students will learn the necessary attitudes, work traits and strategies to help them navigate through the first year on the job successfully.

IDST 101 Introduction to Library Resources (1 credit)
Survey of library services; development and application of skills in the use of online catalogs and databases, general reference materials, journals, newspapers, government documents, and bibliographic and research techniques.

IDST 102 Applied Academic Strategies: Reading Across the Curriculum (1 credit)
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.

IDST 103 Applied Academic Strategies: Science Focus (1 credit)
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. Co-requisite: concurrent enrollment in LAC science course.

IDST 104 Applied Academic Strategies: ESL Focus (1 credit)
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.

IDST 105 Career Planning and Decision Making (1 credit)
Designed to assist students in making career decisions and selecting a college major through examination of careers, self-assessment, and understanding the world of work. Includes self-assessment of interests, values, abilities, attitudes, needs, and skills. Additional emphasis is placed on employment trends, job applications, resumes, analysis of electronic job searching, and job interviewing techniques.
IDST 109 Academic Reasoning Strategies (2 credits)
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.

IDST 110 The University Experience (2 credits)
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.

IDST 120 Assertiveness (1 credit)
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 and behavior in themselves and others. Opportunities to practice assertiveness will be integrated into the course.

IDST 140 Introduction to Honors (1 credit)
A course to assist incoming freshmen who have evidenced an interest in becoming more familiar with the Honors Program. The main objective will be to assist freshmen students to design an Honors Program, but there will be formal discussions of topical issues, guest faculty visits, off-campus visits, and a careful reading of several central texts.

IDST 186 Special Topics (1-4 credits)
IDST 270 Tutor Training (1 credit)
Course content will cover models of tutoring programs, ethics and philosophy of the SMSU tutor programs, and techniques for identifying learner styles, strategies and difficulty with subject matter, and for structuring a successful tutoring experience. Completion of course and lab will qualify student for CRLA Regular/Level 1 certification. Lab is repeatable to qualify for Advanced/Level 2, and Master/Level 3 certification.

IDST 271 Supplemental Instruction Training (1 credit)
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 a Supplemental Instruction Leader.

IDST 286 Honors Special Topics (1-4 credits)
IDST 287 Honors Seminar I (3 credits)
A sophomore level interdisciplinary seminar for honors students as partial fulfillment of the requirements of the Honors Program. Prerequisite: enrollment in Honors Program or consent of instructor.

IDST 405 Honors Project (3-9 credits)
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. Prerequisite: enrollment in the Honors Program.

IDST 410 Honors Mentor (2 credits)
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. Prerequisite: Approval by Review Board.

IDST 486 Honors Advanced Special Topics (1-4 credits)
IDST 487 Honors Seminar II (3 credits)
A senior interdisciplinary seminar for honors students as partial fulfillment of the requirements of the Honors Program. Prerequisite: enrollment in the Honors Program or consent of instructor.

IDST 496 Honors Advanced Workshop (1-3 credits)
JUSTICE ADMINISTRATION

Office: Social Science 103, 537-6224
Faculty: William DuBois, BC Franson
Department: Social Science

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.

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>
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</thead>
<tbody>
<tr>
<td>JUAD 144</td>
<td>Introduction to Justice and Society</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 240</td>
<td>Law Enforcement and Policy</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 242</td>
<td>Corrections Systems</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 338</td>
<td>Justice and Juvenile Delinquency</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 442</td>
<td>Court, Police, and Corrections Management</td>
<td>3</td>
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<tr>
<td>JUAD 448</td>
<td>White Collar Crime</td>
<td>3</td>
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<tr>
<td>JUAD 450</td>
<td>Criminal Law</td>
<td>3</td>
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<tr>
<td>JUAD 498</td>
<td>Senior Seminar (Prerequisites: senior standing, completion of all other Justice Administration Core)</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 103</td>
<td>Ethics</td>
<td>3</td>
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<tr>
<td>SOCI 200</td>
<td>Social Statistics (Prerequisite: MATH 110 or 3 yrs. high school math)</td>
<td>4</td>
</tr>
<tr>
<td>SOCI 315</td>
<td>Applied Social Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 344</td>
<td>Criminology</td>
<td>3</td>
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</tbody>
</table>

II. Electives: (12 credits)

All Justice Administration majors must complete 12 credits from the following list: ......... 12

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>JUAD 150</td>
<td>Service Learning Lab</td>
<td>1-3</td>
</tr>
<tr>
<td>JUAD 246</td>
<td>Introduction to Security</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 300</td>
<td>Women and Justice</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 304</td>
<td>Victimology</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 310</td>
<td>Minorities, Crime, and 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 460</td>
<td>Rehabilitation and 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>1-12</td>
</tr>
<tr>
<td>BADM 380</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>BADM 383</td>
<td>Organizational Behavior and Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 205</td>
<td>Law, Liberty, and 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>Constitutional Law I</td>
<td>3</td>
</tr>
<tr>
<td>RURL 121</td>
<td>Introduction to Geographic Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 244</td>
<td>Sociology of Deviant Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SWRK 101</td>
<td>Social Work in a Changing World</td>
<td>3</td>
</tr>
<tr>
<td>SWRK 280</td>
<td>Substance Abuse</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 49

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
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 (64 credits), a student completes an Associate of Applied Science (A.A.S.) degree in Law Enforcement Administration. In the final two years (64 credits) of SMSU’s B.A.S. program, a student takes a 42-semester credit major (described below) in Law Enforcement Administration, and 22 semester credit hours (SCH) of general education and related courses. A large number of the courses in this program will be available via the Internet.

To earn the B.A.S. in Law Enforcement Administration, a student will:
1. Complete the degree requirements for an A.A.S. degree in Law Enforcement.
2. Consult with an SMSU faculty advisor, and then take 22 additional SCH of courses from the Liberal Arts Curriculum/Minnesota Transfer Curriculum.
3. Meet the graduation requirements of Southwest Minnesota State University.
4. Complete the 42-credit major in Law Enforcement Administration as outlined below.

Bachelor of Applied Science–Law Enforcement Administration Requirements:
General Recommended LAC/MTC requirements (minimum 22 credits)
All students enrolled in a Bachelor of Applied Science degree will be required to complete a minimum of 22 General Education credits. These additional courses will be determined by an evaluation of the General Education courses taken within the A.A.S. degree.

A. Social Science Component: (21 credits)
   - JUAD 338 Justice and Juvenile Delinquency ......................................................... 3
   - JUAD 448 White Collar Crime ........................................................................... 3
   - JUAD 498 Senior Seminar (Capstone Course) .................................................. 3
   - POL 324 Local and Rural Politics ...................................................................... 3
   - SOCI 344 Criminology ...................................................................................... 3

Choose two of the following: ............................................................................. 6
   - JUAD 460 Rehabilitation and Prevention ......................................................... 3
   - PHIL 305 Law, Liberty, and Morality ................................................................. 3
   - PSYC 335 Abnormal Psychology ...................................................................... 3
   - SWRK 340 Human Behavior in the Social Environment ............................... 3

B. Diversity Component: (3 credits)
   Choose one of the following:
   - BADM 420 Diversity Management ................................................................. 3
   - JUAD 310 Minorities, Crime, and Social Policy ................................................. 3
   - SOCI 331 Minorities in America ...................................................................... 3

C. Administrative Component: (18 credits)
   - BADM 380 Management Principles ................................................................. 3
   - BADM 423 Human Resource Management .................................................. 3
   - JUAD 442 Court, Police, and Corrections Management ................................. 3
   - PBAD 350 Public Budgeting ........................................................................... 3

Choose one of the following:
   - BADM 424 Leadership and Team Management ........................................... 3
   - PBAD 325 Administrative Law ...................................................................... 3

D. Graduation Requirements
   Wellness and Health Requirement
   Regional Studies Requirement
   Capstone Course (See Above)

Total Credits: 42
JUSTICE ADMINISTRATION COURSES (JUAD)

JUAD 144 (LAC, C, D) Introduction to Justice and Society (3 credits)
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.

JUAD 150 Service Learning Lab (1-3 credits)
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. May be repeated for a maximum of 3 credits. Prerequisite: JUAD 144 and consent of instructor.

JUAD 240 Law Enforcement and Society (3 credits)
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. Prerequisite: JUAD 144.

JUAD 242 Corrections Systems (3 credits)
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. Prerequisite: JUAD 144.

JUAD 246 Introduction to Security (3 credits)
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. Prerequisite: JUAD 144.

JUAD 286 Special Topics (1-4 credits)
This course is designed to provide students with an opportunity to experience a special or experimental curriculum enrichment course.

JUAD 300 Women and Justice (3 credits)
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.

JUAD 304 Victimology (3 credits)
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.

JUAD 310 Minorities, Crime, and Social Policy (3 credits)
This course will examine the role diversity has played within the criminal justice system. Student will examine various diversity issues within the country and the criminal justice system to explore how change occurs.

JUAD 338 Justice and Juvenile Delinquency (3 credits)
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. Prerequisites: JUAD 144 or consent of instructor.

JUAD 399 Criminal Procedure (3 credits)
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. Prerequisite: JUAD 144 or consent of instructor.

JUAD 441 Organized Crime (3 credits)
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.
**JUAD 442 Court, Police, and Corrections Management (3 credits)**
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. Prerequisites: JUAD 144 and SOCI 344 or consent of instructor.

**JUAD 448 White Collar Crime (3 credits)**
The study of white-collar crime, beginning with Sutherland’s initial definition of the term and continuing with contemporary research. Topics include characteristics, society’s and perpetrators’ perceptions of white-collar crime, and costs (economic and social). Competing theoretical explanations for white-collar crime are examined. Prerequisite: JUAD 144 or consent of instructor.

**JUAD 450 Criminal Law (3 credits)**
This course will be an in-depth study into the crime elements and criminal defenses available for various crimes. Prerequisite: JUAD 114 or POL 227 or consent of instructor.

**JUAD 460 Rehabilitation and Prevention (3 credits)**
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. Prerequisites: JUAD 144 or consent of instructor.

**JUAD 486 Special Topics (1-4 credits)**
This course is designed to provide upper-level students with an opportunity to experience a special or experimental curriculum enrichment course. Prerequisite: junior or senior standing, or consent of instructor.

**JUAD 494 Independent Study (1-3 credits)**
Independent study and research within the Justice Administration area. Prerequisite: consent of instructor.

**JUAD 498 (M) Senior Seminar in Justice Administration (3 credits)**
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. Prerequisites: senior standing.

**JUAD 499 Field Experience/Internship (3-12 credits)**
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.
LATIN AMERICAN STUDIES

Office: Social Science 103, 537-6224
Faculty: Elma Dassbach, Gerardo Garcia, Thomas J. Williford
Department: Social Science

The goal of the minor in Latin American Studies at Southwest Minnesota State University is to provide the opportunity for students who are both interested in Latin America and have superior fluency in Spanish to consider the cultural, historical, political, economic, and social aspects of Latin America through a variety of courses in different disciplines.

A minor in Latin American Studies will be useful for students who are planning a career in global business, world economic development, international relations, or human rights and social justice as well as for students who are planning on attending graduate school in Latin American Studies or any of the related disciplines.

Minor: Latin American Studies (18 credits)

Spanish Core Courses: (6 credits)*

- SPAN 311 Spanish Composition and Conversation ...................................................3
- OR .............................................................................................................................3
- SPAN 312 Spanish Composition and Conversation ...................................................3
- SPAN 341 Spanish Culture and Civilization...............................................................3
- OR .............................................................................................................................3
- SPAN 342 Latin American Culture and Civilization ..................................................3

History Core Courses:

- HIST 314 Modern Latin America.................................................................................3
- HIST 326 Slavery, Race, and Gender in the Atlantic World .........................................3

Elective History or Spanish Course: (3 credits)

- HIST 315 Mexico and Central America.....................................................................3
- HIST 316 South America and Caribbean .....................................................................3
- HIST 321 U.S.-Latin American Relations .................................................................3
- HIST 328 History of Cuba .........................................................................................3
- HIST 486 Special Topics in Latin American History ................................................3
- SPAN 4XX Any 400-level Spanish course ..................................................................3

Other Electives: (3 credits)

- ANTH 301 Cultural Geography ................................................................................3
- ANTH 316 Gender and Culture ................................................................................3
- ECON 390 Economic Development ..........................................................................3
- ECON 470 International Business and Economics ..................................................3
- INDS 310 Indigenous Spirituality and World View ..................................................3
- INDS 325 Genocide, Survival, and Indigenous Peoples .............................................3
- INDS 326 Decolonization, Recovery, and Indigenous Peoples .................................3
- INDS 345 Education, Colonialism, and Indigenous Peoples .....................................3
- LIT 345 Chicano/a Literature ....................................................................................3
- MKTG 471 International Marketing ..........................................................................3
- POL 320 Political Economy in the Third World.........................................................3
- POL 356 The Politics of the Global Economy ............................................................3
- SOCI 270 Gender Issues ..........................................................................................3
- SOCI 318 Forces for Social Change ..........................................................................3
- SOCI 354 Holocaust, Genocide, and Human Rights....................................................3

Total Credits: 18

* See Spanish Program for proficiency prerequisites.
MANAGEMENT

Office: Charter Hall 129, 537-6223
Faculty: Stacy Ball-Elias, Deb Buerkley, John Gochenouer, Elina Ibrayeva, John Kim, Raphael Onyeaghala
Department: Business and Public Affairs

Management includes a Bachelor of Science and a minor in Management and Bachelor of Applied Science degrees in Management, Fire Service Administration and Law Enforcement Administration.

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 one of four 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 coursework 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.

Bachelor of Science: Management (54-57 credits)

I. Pre-Management requirements for students accepted as a major in Management (MGMT)

Students seeking a B.S. in Management must complete the Pre-Management requirements:

1. Complete ENG 101 with a grade of “C” or better, or otherwise satisfy the ENG 101 requirement by testing-out with an instrument approved by SMSU’s English Department.

2. 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 102 (Rhetoric: The Essay)
   c. ENG 103 (Rhetoric: Critical Writing)
   d. SPCH 110 (Essentials of Speaking and Listening)

3. 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 Management program.

4. Prior to admission to the Management program, a student must have earned a cumulative GPA of 2.5 or better within 27 credits of SMSU’s Liberal Arts Curriculum (LAC). Of the 27 credits of LAC courses used to determine the GPA, the following courses must be included: MATH 115 or MATH 140 or higher-level calculus course; ENG 102; ENG 103; and SPCH 110. No courses outside the LAC will be used to determine the GPA for entry into the Management major.

5. The Management faculty relies upon active advising and up-to-date record keeping to assure that qualified students are admitted as full Management majors. Students who have not yet met the pre-Management 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.
6. The above pre-Management requirements for admission to the Management program are separate from SMSU’s Liberal Arts Core (LAC) requirements. All students, including transfer and honor students, who plan to major in Management must meet or exceed the Pre-Management requirements.

7. Students in the Honors Program at SMSU may satisfy the pre-Management requirements for ENG 101, ENG 102 and ENG 103 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 3-6 above, must be completed as indicated. Bachelor of Science: Management (54-57 credits)

II. Business Core Courses: (33 credits)

ACCT 211 Principles of Accounting I .................................................................3
ACCT 212 Principles of Accounting I .................................................................3
ECON 201 Principles of Microeconomics ..........................................................3
ECON 202 Principles of Macroeconomics ..........................................................3
FIN 230 Business Statistics I ............................................................................3
MGMT 221 Concepts and Computer Applications ............................................3
MGMT 300 Management Principles .................................................................3
MKTG 301 Principles of Marketing .................................................................3
BADM 305 Business Law I ................................................................................3
FIN 350 Managerial Finance ............................................................................3
ECON 470 International Business and Economics .........................................3
OR ..................................................................................................................3
MGMT 440 International Management ............................................................3
MGMT 495 Senior Examination ......................................................................0

II. Management Core: (9 Credits)

MGMT 350 Human Resource Management ....................................................3
MGMT 422 Production and Operations Management ....................................3
MGMT 492 Business Policy ............................................................................3

III. Concentrations: (12-15 credits) ........................................................................12-15

A. General Management Concentration

Choose three courses from list below: (9 credits) ...........................................9

BADM 355 Business Law II .............................................................................3
BADM 360 Insurance and Risk Management ................................................3
FIN 460 Business Forecasting .........................................................................3
MGMT 320 Advanced Computer Applications .............................................3
MGMT 323 Project Management ....................................................................3
MGMT 330 Organizational Behavior and Theory ...........................................3
MGMT 331 Business Communications ........................................................3
MGMT 332 Interpersonal Skills in Organizations ...........................................3
MGMT 333 Conflict Resolution ....................................................................3
MGMT 351 Organizational Development and Change ..................................3
MGMT 360 Theories of Leadership ...............................................................3
MGMT 420 Management Information Systems ..........................................3
MGMT 450 Diversity Management ................................................................3
MGMT 454 Labor Relations ...........................................................................3
MGMT 460 Leadership and Team Management ............................................3

Choose any one of the following electives: (3 credits) ....................................3

ANTH 316 Gender and Culture .........................................................................3
ART 240 Concepts in Graphic Design ............................................................3
ART 255 American Art History .......................................................................3
COMP 189 Introduction to GIS software .......................................................3
ENG 360 Scientific and Technical Writing ......................................................3
ENG 361 Advanced Composition ...................................................................3
HIST 362 Making of Modern America ..........................................................3
HIST 364 Immigration and Ethnicity in U.S. History ....................................3
HLTH 390 Health Promotion ............................................................................3
JUAD 246 Introduction to Security ...................................................................3
LIT 370 Contemporary World Literature .....................................................3
PHIL 105 Ethical Issues in Business ...............................................................3
C. International Management Concentration

Choose two International Management courses from list below: (6 credits) ..................................................6

- PHIL 220 American Philosophy ..........................................................3
- PHIL 305 Law, Liberty and Morality .................................................3
- POL 200 International Politics .........................................................3
- POL 355 World Political Geography ................................................3
- POL 356 Politics of the Global Economy ...........................................3
- POL 360 American Foreign Policy ..................................................3
- PSYC 317 Social Psychology ..........................................................3
- PSYC 318 Group Dynamics ..............................................................3
- PSYC 325 Attitudes, Beliefs, and Behavior ........................................3
- PSYC 333 The Psychology of Motivation and Emotion ..................3
- PSYC 358 Industrial/Organizational Psychology .............................3
- RURL 121 Introduction to Geographic Information Systems ..........3
- SOCI 331 Minorities in American Society ........................................3
- SOCI 445 Class and Class Conflict ..................................................3
- SPCH 200 Small Group Communication .........................................3
- SPCH 301 Risk and Crisis Communication ......................................3
- SPCH 303 Advanced Public Speaking ............................................3
- SPCH 360 Organizational Communication ....................................3

B. Human Resource Management Concentration

Choose three Human Resource Management courses from list below: (9 credits) ...........................................9

- BADM 360 Insurance and Risk Management .................................3
- MGMT 330 Organizational Behavior and Theory ...............................3
- MGMT 332 Interpersonal Skills in Organizations ...............................3
- MGMT 333 Conflict Resolution ......................................................3
- MGMT 351 Organizational Development and Change .....................3
- MGMT 450 Diversity Management ..................................................3
- MGMT 451 Training and Development ............................................3
- MGMT 452 Staffing Management ....................................................3
- MGMT 453 Compensation and Benefits Management ....................3
- MGMT 454 Labor Relations ............................................................3
- MGMT 460 Leadership and Team Management ...............................3

Choose any one of the following electives: (3 credits) ..........................3

- ANTH 316 Gender and Culture .......................................................3
- ART 240 Concepts in Graphic Design ..............................................3
- ENG 360 Scientific and Technical Writing .........................................3
- HIST 426 Immigration and Ethnicity in U.S. History .........................3
- PHIL 105 Ethical Issues in Business ................................................3
- PHIL 220 American Philosophy .....................................................3
- PHIL 305 Law, Liberty and Morality ...............................................3
- PSYC 317 Social Psychology ..........................................................3
- PSYC 318 Group Dynamics ..............................................................3
- PSYC 325 Attitudes, Beliefs, and Behavior ........................................3
- PSYC 333 The Psychology of Motivation and Emotion ..................3
- PSYC 358 Industrial/Organizational Psychology .............................3
- SOCI 331 Minorities in American Society ........................................3
- SOCI 445 Class and Class Conflict ..................................................3
- SPCH 200 Small Group Communication .........................................3
- SPCH 360 Organizational Communication ....................................3

C. International Management Concentration

Choose the course NOT taken as the Business Core requirement:

- ECON 470 International Business and Economics ..........................3
- OR ........................................................................................................3

Choose two International Management courses from list below: (6 credits) ..................................................6

- AGBU 420 International Agribusiness Management ........................3
- MGMT 330 Organization Behavior and Theory ...............................3
- MGMT 333 Conflict Resolution .........................................................3

Effective 07/01/08 Update 02/09/09

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
Graduation Requirements:
Majors in Management must meet the following requirements in order to graduate:
1. A grade point average of 2.50 in all major course work taken at SMSU and an overall GPA of 2.50 in major course work including courses transferred from other institutions. Any exceptions to this requirement must be approved by the faculty of the Management program.
2. All major programs must have the approval of the student’s advisor and the Management faculty.
3. All Management majors must take a comprehensive examination that will assess their basic knowledge and understanding gained in the management curriculum. The examination is given in the course, MGMT 495, Senior Examination, which should be taken during the student’s last semester before graduation.

Minor: Management (21-24 credits)
A. Prerequisite Courses: (3 credits)
FIN 230 Business Statistics, or an equivalent statistics course.................................3
Note: Students who have not already completed FIN 230: Business Statistics, or its equivalent, will take 24 credits to earn the Management minor. If statistics is already included in the student’s major curriculum, then the student takes 21 credits to earn the Management minor.
B. Management Courses: (21 credits)
1. Required Courses: (9-12 credits) ...................................................................................9-12
   MGMT 300 Management Principles ........................................................................3
   MGMT 350 Human Resource Management ..........................................................3
   MGMT 422 Production and Operations Management ...........................................3
   MGMT 492 Business Policy * ................................................................................3
2. Elective Courses: (9-12 credits) ** ...........................................................................9-12
   MGMT 323 Project Management ............................................................................3
   MGMT 330 Organizational Behavior and Theory ..................................................3
   MGMT 331 Business Communications .................................................................3
   MGMT 332 Interpersonal Skills in Organizations ..................................................3
   MGMT 351 Organizational Development and Change ..........................................3
   MGMT 359 Training and Development ..................................................................3
   MGMT 360 Theories of Leadership .........................................................................3
   MGMT 420 Management Information Systems ...................................................3
   MGMT 450 Diversity Management ......................................................................3
   MGMT 454 Labor Relations ..................................................................................3
   MGMT 460 Leadership and Team Management .....................................................3

Total Credits: 21-24

* MGMT 492 is optional for non-business related majors only. It is required for business-related majors including: Accounting, Agribusiness Management, Business Administration, Finance, Hospitality, Culinology®, Marketing, and Sports Management.
** Elective courses for the Management minor cannot be double-counted to meet the requirements for another major or minor.

*Note: A grade point average of 2.00 in all minor course work is required.*

**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:**

Successful completion of:

A. Additional Graduation Curriculum Requirements in the Core Curriculum section of the online catalog.

B. The following:
   - A minimum of 42 semester credit hours (SCH) at accredited four-year institutions.
   - A minimum of 30 SCH through Southwest Minnesota State University.
   - A minimum of 27 SCH at the 300 or 400 level.
   - The requirements for an approved B.A.S. major.
   - All the course work with a cumulative GPA of at least 2.0 for courses taken while enrolled at SMSU.

C. Further requirements under one of the following three categories: (Categories apply to academic credentials at time of matriculation at SMSU.)

1. - A.A.S. degree at an accredited community, technical college or four-year college/university;
   - Additional minimum of 64 SCH;
   - Minnesota General Education Transfer Curriculum or a minimum of 22 SCH from SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum officially approved by the student’s Degree Program Committee.

   OR

2. - A.S. degree from an accredited community, technical college or four-year college/university;
   - Additional minimum of 64 SCH;
   - Minnesota General Education Transfer Curriculum or a minimum of 12 SCH from SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum officially approved by the student’s Degree Program Committee.

   OR

3. - A MnSCU approved two-year technical diploma at an accredited community, technical college or four-year college/university;
   - Additional minimum of 86 SCH;
   - Minnesota General Education Transfer Curriculum or SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum.

The following limitations also apply:

a. No more than 6 SCH of courses numbered 059-099 and no SCH courses numbered 001-049 shall count toward graduation.

b. No more than 10 SCH of credit/no credit (credit/NC) courses outside your major shall count toward graduation.

**Bachelor of Applied Science–Management Requirements:**

A. Basic Courses: (18 credits)

<table>
<thead>
<tr>
<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>
</tr>
<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>MGMT 221</td>
<td>Computer Concepts and Applications</td>
<td>3</td>
</tr>
<tr>
<td>FIN 230</td>
<td>Business Statistics I</td>
<td>3</td>
</tr>
</tbody>
</table>

B. Upper-Division Courses: (21 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 300</td>
<td>Management Principles</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Marketing Principles</td>
<td>3</td>
</tr>
<tr>
<td>BADM 305</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 330</td>
<td>Organizational Behavior and Theory</td>
<td>3</td>
</tr>
<tr>
<td>FIN 350</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
</tbody>
</table>
C. Elective Courses: (Minimum of 3 credits) .................................................................3
BADM 360 Insurance and Risk Management ................................................................. 3
FIN 352 Analyzing Financial Statements ................................................................... 3
MGMT 332 Interpersonal Skills in Organizations ......................................................... 3
BADM 355 Business Law II ......................................................................................... 3
MGMT 420 Management Information Systems ............................................................ 3
MGMT 454 Labor Relations ......................................................................................... 3
MGMT 422 Production and Operations Management ................................................. 3
MGMT 491 Senior Seminar - Management ................................................................. 3
ECON 470 International Business and Economics ..................................................... 3
MKTG 320 Retailing .................................................................................................... 3
MKTG 405 Advertising ............................................................................................... 3
MKTG 381 Advertising Management .......................................................................... 3
PHIL 105 Ethical Issues in Business ............................................................................ 3
PSYC 358 Industrial/Organizational Psychology ......................................................... 3

D. Graduation Requirement:
Graduation from this program requires the student to take at least 40 credit hours at the 300-400 level. Courses may come from any Department/Discipline.

E. Additional Requirements
1. A combined total of at least 42 Semester Credits in must be earned in Categories A, B and C above.
2. The BAS Degree at SMSU requires that a student take at least 27 Semester Credits of courses at the 300-level or above. Because BASM majors have a minimum of 24 semester credits at the 300-level or above in Categories B and C, it is necessary for BASM majors to take an additional course for 3 semester credits at the 300-level or higher in order to satisfy the University-wide requirements for all BAS Degrees.
3. Students seeking entry into the BASM major must meet all of Southwest Minnesota State University’s Requirements that are associated with the BAS Degree.
4. Students who have an AAS Degree and are seeking entry into the BASM major must earn a cumulative GPA of 2.50 or better within the additional 22 Semester Credit Hours (SCH) of the Liberal Arts Core (LAC), or within the 22 additional SCH of the Minnesota General Education Transfer Curriculum, needed to complete the BAS Degree.
5. Students who have an AS Degree and are seeking entry into the BASM major must earn a cumulative GPA of 2.50 or better within the 12 additional SCH of the LAC, or within the 12 additional SCH of the Minnesota General Education Transfer Curriculum, needed to complete the BAS Degree.
6. Students who have a 2-year technical college diploma and are seeking entry into the BASM major must earn a cumulative GPA of 2.50 or better within a minimum of 22 additional SCH of the LAC, or within a minimum of 22 additional SCH of the Minnesota General Education Transfer Curriculum.
7. In items (4), (5) and (6) above, courses that do not fall within either the LAC or the Minnesota General Education Transfer Curriculum, cannot be used to determine the minimum GPA for admission into the major.
8. The PPST is eliminated as a requirement for admission into the BAS-Management major.
9. Students must maintain a minimum GPA of 2.50 within the BASM major as a requirement for graduation.
10. Each BASM major, in consultation with his/her advisor, shall decide on the courses to be taken as elective courses within the major.
11. Each BASM major, in consultation with his/her advisor, shall decide on the courses to be taken to meet the additional 10 semester credit hours of elective credits required of all students earning a BAS Degree. The elective courses may include courses from Category C above, or the courses may be general electives.
12. Final approval of a student’s BASM degree program shall rest with the academic advisor and SMSU’s Business and Public Affairs Department.

Bachelor of Applied Science: Fire Service Administration (42 credits)
The B.A.S. degree is built on a “2+2” platform. During the first two years (64 credits), a student completes an Associate of Applied Science (A.A.S.) degree in Fire Service Technology. This two-year technical degree is offered at Hennepin Technical College in Hopkins, MN; Lake Superior College in Duluth, MN; and Northwest College in East Grand Forks, MN. In the final two years (64 credits) of SMSU’s B.A.S. program, a student takes a 42-semester credit major (described below) in Fire Service Administration, and 22 semester credit hours (SCH) of general education and related courses. A large number of the courses in this program will be available via the Internet.

Effective 07/01/08 Update 01/01/09
Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
To earn the B.A.S. in Fire Service Administration, a student will:

A. Complete the degree requirements for an A.A.S. degree in Fire Science.

B. Further requirements under one of the following three categories: (Categories apply to academic credentials at time of matriculation at SMSU.)

1. A.A.S. degree at an accredited community, technical college or four-year college/university;
   - Additional minimum of 64 SCH;
   - Minnesota General Education Transfer Curriculum or a minimum of 22 SCH from SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum officially approved by the student’s Degree Program Committee.

2. A.S. degree from an accredited community, technical college or four-year college/university;
   - Additional minimum of 64 SCH;
   - Minnesota General Education Transfer Curriculum or a minimum of 12 SCH from SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum officially approved by the student’s Degree Program Committee.

3. A MnSCU approved two-year technical diploma at an accredited community, technical college or four-year college/university.
   - Additional minimum of 86 SCH;
   - Minnesota General Education Transfer Curriculum or SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum.

The following limitations also apply:

a. No more than 6 SCH of courses numbered 059-099 and no SCH courses numbered 001-049 shall count toward graduation.

b. No more than 10 SCH of credit/no credit (credit/NC) courses outside your major shall count toward graduation.

c. Consult with an SMSU faculty advisor, and then take 22 additional SCH of courses from the Liberal Arts Curriculum/Minnesota Transfer Curriculum.

d. Meet the graduation requirements of Southwest Minnesota State University.

e. Complete the 42-credit major in Fire Service Administration as outlined below.

**Bachelor of Applied Science–Fire Service Administration Requirements:**

A. **Fire Service Component:** (15 credits)
   - FIRE 101 Literature, Methods and Statistics for the Fire Service ..................................................3
   - FIRE 301 Fire Prevention Management..........................................................................................3
   - FIRE 302 Fire Service Health and Safety .......................................................................................3
   - FIRE 303 Fire Service Leadership..................................................................................................3
   - FIRE 401 Community Risk Management.......................................................................................3

B. **Administrative Component:** (24 credits)
   - MGMT 300 Management Principles .............................................................................................3
   - MGMT 451 Training and Development .............................................................................................3
   - MGMT 460 Leadership and Team Management ....................................................................................3
   - MGMT 496 Senior Capstone..............................................................................................................3
   - PBAD 325 Administrative Law .......................................................................................................3
   - PBAD 350 Public Budgeting .............................................................................................................3
   - One of the following two courses:
     - MGMT 350 Human Resource Management ..............................................................................3
     - PBAD 410 Public Personnel and Management ..............................................................................3
   - One of the following two courses:
     - MGMT 450 Diversity Management .............................................................................................3
     - SOCI 331 Racial and Ethnic Relations in America ........................................................................3

C. **Restricted Elective Courses (minimum of 3 credits):**
   - A restricted elective course is selected in consultation with the faculty advisor.

**Total Credits:** 42
Note: More information about the Fire Service Administration major can be obtained from the Business and Public Affairs Department at Southwest Minnesota State University or by contacting MnSCU at www.firecenter.mnscu.edu or at: Minnesota State College and Universities, Fire/EMS/Safety Center, Wells Fargo Place, 30 East 10th Street, Suite 240, St. Paul, MN 55101-7804, or call: 651-649-5454.

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 (64 credits), a student completes an Associate of Applied Science (A.A.S.) degree in Law Enforcement Administration. In the final two years (64 credits) of SMSU’s B.A.S. program, a student takes a 42-semester credit major (described below) in Law Enforcement Administration, and 22 semester credit hours (SCH) of general education and related courses. A large number of the courses in this program will be available via the Internet.

To earn the B.A.S. in Law Enforcement Administration, a student will:
1. Complete the degree requirements for an A.A.S. degree in Law Enforcement.
2. Consult with an SMSU faculty advisor, and then take 22 additional SCH of courses from the Liberal Arts Curriculum/Minnesota Transfer Curriculum.
3. Meet the graduation requirements of Southwest Minnesota State University.
4. Complete the 42-credit major in Law Enforcement Administration as outlined below.

Bachelor of Applied Science–Law Enforcement Administration Requirements: 

General Recommended LAC/MTC requirements (minimum 22 credits)
All students enrolled in a Bachelor of Applied Science degree will be required to complete a minimum of 22 General Education credits. These additional courses will be determined by an evaluation of the General Education courses taken within the A.A.S. degree.

A. Social Science Component: (21 credits)

SOCI 344 Criminology.................................................................................................................3
JUAD 444 Juvenile Justice ........................................................................................................3
JUAD 448 White Collar Crime .................................................................................................3
POL 324 Local and Rural Politics ............................................................................................3
JUAD 498 Senior Seminar (Capstone Course).........................................................................3
Choose two of the following: .....................................................................................6
PSYC 335 Abnormal Psychology ......................................................................................3
SWRK 340 Human Behavior in the Social Environment................................................3
PHIL 305 Law, Liberty, and Morality ................................................................................3
JUAD 460 Rehabilitation and Prevention .........................................................................3

B. Diversity Component: (3 credits)

Choose one of the following: .........................................................................................3
SOCI 331 Minorities in America .........................................................................................3
JUAD 310 Minorities, Crime and Social Policy .................................................................3
MGMT 450 Diversity Management ..................................................................................3

C. Administrative Component: (18 credits)

MGMT 300 Management Principles ................................................................................3
MGMT 350 Human Resources ........................................................................................3

MGMT 451 Human Resource Development ..................................................................3
PBAD 350 Public Budgeting ..........................................................................................3
JUAD 442 Court, Police and Corrections Management .................................................3
Choose one of the following: .....................................................................................3
PBAD 325 Administrative Law ......................................................................................3
MGMT 460 Leadership and Team Management ..........................................................3

D. Graduation Requirements

Wellness and Health Requirement
Regional Studies Requirement
Capstone Course (See Above)

Total Credits: 42
MANAGEMENT COURSES (MGMT)

MGMT 220 Building Software Skills (3 credits)
Development of proficiency in using microcomputer software such as spreadsheets and database managers. Use of software for business problem-solving. Prerequisites: MATH 115, 110, or 140.

MGMT 221 Computer Concepts and Applications (3 credits)
Introduction to computers and digital computing, problem-solving using computers, and applications to management problem-solving.

MGMT 286 Special Topics in Management (1-4 credits)

MGMT 300 Management Principles (3 credits)
Principles of management applicable to all types of organizations: planning, organizing, supervising, and controlling.

MGMT 320 Advanced Computer Applications (3 credits)
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. Prerequisite: MGMT 220 or COMP 105.

MGMT 322 Introduction to Management Science (3 credits)
Quantitative techniques in business decision-making, problem formulation, various mathematical models and their application, linear programming, and queuing theory. Prerequisites: FIN 230 and MATH 115.

MGMT 323 Project Management (3 credits)
A study of project planning and control including time, budget, materials, and personnel. Coursework will include Gantt charts and PERT/CPM methods, use of project management software, planning, and preliminary analysis of an actual project, and examination of critical chain issues. Simulations may be used when appropriate. Prerequisite: MATH 200 or FIN 230 or PSYC 200.

MGMT 324 Leadership Dynamics (3 credits)
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.

MGMT 330 Organizational Behavior and Theory (3 credits)
Development and application of concepts and theories of organizational behavior in business organizations. Behavior will be analyzed from an individual, group, and organizational perspective. Prerequisite: MGMT 300.

MGMT 331 Business Communications (3 credits)
The analysis, interpretation, presentation, and effective writing of letters, memos, reports, and other types of business documents. Prerequisites: ENG 101, 102, 103; and junior standing.

MGMT 332 Interpersonal Skills in Organizations (3 credits)
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. Prerequisite: MGMT 300.

MGMT 333 Conflict Resolution (3 credits)
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.

MGMT 350 Human Resource Management (3 credits)
Personnel management, including job analysis, selection and placement, training and development, evaluation, safety, and health. Prerequisite: MGMT 300.

MGMT 351 Organization Development and Change (3 credits)
This course examines various applied behavioral science approaches to planning and implementing organizational development and change. Topics include the history, nature and process of organization development and change. This 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 implementation of organizational change. Prerequisite: MGMT 300.
MGMT 359 Training and Development (3 credits)
A study of the issues associated with the training and development of the existing workforce in an organization. Includes organizational development issues. Prerequisite: MGMT 300.

MGMT 360 Theories of Leadership (3 credits)
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. Prerequisite: sophomore standing.

MGMT 361 Personal Leadership (3 credits)
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.

MGMT 370 Health Services Systems and Information (3 credits)
This course explores the role of the healthcare administrator in relation to information technology in the healthcare setting, and how computers enhance healthcare practice. This course includes analysis of components of computers and networks; and development, enhancement and selection of healthcare information system(s). Management and uses of medical databases for healthcare administrators will be covered. Further topics will include the process of training issues, understanding the roles of information service departments, Telemedicine and the Internet. Prerequisite: FIN 280.

MGMT 371 Healthcare Administration (3 credits)
This course presents students with an overview of the formation and operation of healthcare facilities. The emphasis is on planning, implementation and management. A major focus in this course is 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, in addition to observing, monitoring and evaluating outcomes and customer satisfaction. Prerequisite: MGMT 300.

MGMT 372 U.S. Healthcare Delivery, Services and Systems (3 credits)
This course provides students with a historical perspective, in addition to examining the structure and operations of the American Healthcare System today. The course will emphasize hospital, public health, long term care, financing and delivery systems within healthcare organizations.

MGMT 420 Management Information Systems (3 credits)
Examines the role of information systems in management decision-making, systems theory, and current issues in information systems. Prerequisite: MGMT 220, MGMT 300.

MGMT 422 Production and Operations Management (3 credits)
Strategic importance of operations. Inventory control, production planning, production control, plant layout, plant location, and quality control. Prerequisite: FIN 230 and MGMT 300.

MGMT 424 Simulation of Industry and Management (3 credits)
Methods of simulating industrial and management systems. Computer simulations of business and management decision-making.

MGMT 440 International Management (3 credits)
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. Prerequisite: MGMT 300.

MGMT 450 (D) Diversity Management (3 credits)
A study of management issues associated with a diverse workforce. Topics include history, legal perspective, kinds of diversity, and management/organizational initiatives for diversity.

MGMT 452 Staffing Management (3 credits)
This course deals with the scientific, legal and practical consideration associated with personnel sourcing, selection, placement and promotion within an organization.

MGMT 453 Compensation and Benefits Management (3 credits)
This course offers a comprehensive overview of compensation in the HR function, coupled with practical exercises that provide opportunities to develop competencies related to the compensation professional. Prerequisites: MGMT 221, FIN 230, and ECON 201.
MGMT 454 Labor Relations (3 credits)
This course examines behavior by individuals and groups in unions, management, and government. Prerequisite: junior standing.

MGMT 460 Leadership and Team Management (3 credits)
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.

MGMT 461 Professional Field Capstone (3 credits)
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.

MGMT 462 Strategic Leadership (3 credits)
This course focuses on the leadership issues necessary to successfully design and implement strategic change. Change at a strategic level requires leadership. Leadership without the understanding of and the element of change has little meaning. The leadership focus will be on leadership as an active engagement process that requires individuals to be willing to define and declare themselves in strategic ways. The emphasis will be on thinking at a personal, professional, and enterprise level, and applying this thinking to the critical issues of leading (and managing) individual and organizational change. It is essential that students have a rich appreciation for the implications of personal and organizational change. Change without leadership at multiple levels does not happen. Leadership without change is a non-event.

MGMT 470 Long-Term Care Administration (3 credits)
This course will provide students with information regarding fundamental management principles and special concerns related to gerontology and long-term care settings, both in the home and in various institutions. This course will focus on federal and state regulations, health and safety codes, residents’ rights and the regulatory survey process. Students will learn tools to assess residents’ quality of care/life. Students will review ethical issues, guardianship and conservatorship, liability, negligence and malpractice.

MGMT 471 Managed Care (3 credits)
This course provides students with an understanding of the origins, organizations and operations of managed care programs. Students 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 health service payment systems.

MGMT 472 U.S. Services, Programs Issues and Trends in Healthcare (3 credits)
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 healthcare issues, their historical evolution, and the nature of how different interests interact. Students will learn commonly-used frameworks for policy analysis and then apply them to a range of prominent and contemporary healthcare issues and trends.

MGMT 473 Practicum in Healthcare (3 credits)
The Practicum provides students with an opportunity apply their skills in a work setting. The practicum site must be able to facilitate student learning and skill acquisition. A practicum of 400 hours is required for students applying for the Nursing Home Administrators License who do not have current nursing home experience.

MGMT 474 Nursing Home Administrator Exam Preparation Course (1 credit)
This course will prepare students to take the Minnesota State Rules Exam and the National Association of Boards and Examiners for Long Term Care Administrators (NAB) exams. The two exams are essential to receiving the Nursing Home Administrators and Residential Care – Assisted Living Administrators license in Minnesota. This course will also prepare students for the tests in South Dakota and Iowa.

MGMT 486 Special Topics in Management (1-4 credits)

MGMT 491 Senior Seminar - Management (3 credits)
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. Prerequisite: senior standing.

MGMT 492 (M) Business Policy (3 credits)
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. Prerequisites: MKTG 301; ECON 201; MGMT 220, FIN 230, MGMT 300, FIN 350, and BADM 305.
MGMT 493 Business Concepts & Terminology (2 credits)
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.

MGMT 494 Independent Study in Management (1-3 credits)
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. Prerequisite: junior standing.

MGMT 495 Management Senior Examination (0 credits)
A comprehensive examination covering the Management major. Prerequisites: Admission to the Management major and senior standing.

MGMT 499 Management Internship and Seminar (1-6 credits)
The opportunity to pursue an internship is designed to supplement course materials with actual related work experience. Students are expected to integrate disciplinary knowledge in 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. Prerequisites: Prior approval for an internship position is determined by a Management or designated faculty advisor; minimum of one semester in residence after internship; and a 2.25 GPA.

FIRE 101 Literature, Methods and Statistics for the Fire Service (3 credits)
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. Prerequisite: Technical Writing and Composition

FIRE 301 Fire Prevention Management (3 credits)
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. Prerequisite: FIRE 101

FIRE 302 Fire Service Health and Safety (3 credits)
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. Prerequisite: FIRE 101

FIRE 303 Fire Service Leadership (3 credits)
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. Prerequisite: FIRE 101

FIRE 401 Community Risk Management (3 credits)
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. Prerequisite: FIRE 101

FIRE 496 (M) Senior Capstone (3 credits)
The student 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. Prerequisites: MGMT 300, 451, 460; PBAD 325, 350; and either MGMT 454 or PBAD 410.
MARKETING

Office: Charter Hall 101, 537-6114
Faculty: Michael K. Rich
Department: Business and Public Affairs

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 an employee of the Southwest Marketing Advisory Center (SMAC), an organization that pursues actual marketing research projects for various local governmental and commercial organizations. Selected students are paid at an hourly rate of $10.00-$12.00 per hour and have the opportunity to manage and coordinate projects with various entities. 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. Scholarships funds are also available for students employed in SMAC.

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.

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 102 and 103 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.
6. Completing all Marketing courses with a GPA of 2.25 is required for graduation.

Pre-Marketing requirements for the Marketing major are departmental requirements, not Liberal Arts Curriculum (LAC) 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)

1. Business Core: (33 credits)
   - ACCT 211 Principles of Accounting I ................................................................. 3
   - ACCT 212 Principles of Accounting II ................................................................. 3
   - BADM 230 Business Statistics I ................................................................. 3
   - BADM 280 Computer Concepts and Applications ........................................ 3
   - BADM 350 Managerial Finance ................................................................. 3
   - BADM 380 Management Principles ................................................................. 3
   - BADM 390 Business Law ........................................................................ 3
   - MKTG 301 Principles of Marketing ................................................................. 3
   - ECON 201 Microeconomics ........................................................................ 3

Effective 07/01/08

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

**II. Marketing Core:**  
(15 credits)

- MKTG 331 Professional Selling .........................................................3
- MKTG 361 Business-to-Business Marketing .......................................3
- MKTG 381 Advertising Management ..................................................3
- MKTG 441 Marketing Research ...........................................................3
- MKTG 491 Strategic Marketing Policy ..................................................3

**III. Marketing Electives:**  
(9 credits)*

Selected from the following courses:

- MKTG 321 Retail Management ............................................................3
- MKTG 341 Sales Management ...............................................................3
- MKTG 351 e-Marketing ........................................................................3
- MKTG 371 Entrepreneurship .................................................................3
- MKTG 391 Consumer Behavior ............................................................3
- MKTG 411 Integrated Marketing Communications (IMC) .....................3
- MKTG 471 International Marketing ......................................................3
- MKTG 499 Internship in Marketing** ...................................................1-3

Interdisciplinary: (One course from the following may be substituted for a marketing elective.)

- ART 141 Digital Publishing .................................................................3
- ART 240 Concepts in Graphic Design ..................................................3
- BADM 355 Small Business Management ............................................3
- PHIL 105 Ethical Issues in Business ....................................................3
- PSYC 318 Group Dynamics ................................................................3
- PSYC 358 Industrial/Organizational Psychology ....................................3
- RURL 321 Introduction to Geographic Information Systems ..................3
- SPCH 200 Small Group Communication ............................................3
- SPCH 210 Introduction to Public Relations .........................................3
- SPCH 301 Risk and Crisis Communication .........................................3
- MGMT 333 Conflict Resolution ...........................................................3

Total Credits: 57

* Other restricted electives may be substituted if they complement the major and
  are approved by the Marketing advisor.

** Only 3 credits may apply to the major with any remainder applied as general elective credits.

**Associate in Science: Marketing (64 credits)**

**I. Business Core:**  
(18 credits)

- ACCT 211 Principles of Accounting I ..................................................3
- BADM 280 Business Data Processing ..................................................3
- BADM 380 Management Principles ....................................................3
- BADM 390 Business Law I .................................................................3
- ECON 201 Principles of Microeconomics ............................................3
- MKTG 301 Principles of Marketing .......................................................3

**II. Marketing Core:**  
(15 credits)

Selected 15 credits from the following courses:

- MKTG 321 Retail Management ............................................................3
- MKTG 331 Professional Selling ............................................................3
- MKTG 341 Sales Management ...............................................................3
- MKTG 351 e-Marketing ........................................................................3
- MKTG 361 Business-to-Business Marketing .......................................3
- MKTG 371 Entrepreneurship .................................................................3
- MKTG 381 Advertising Management ..................................................3

Effective 07/01/08 Update 02/09/09

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
MKTG 391 Consumer Behavior ................................................................................... 3
MKTG 411 Integrated Marketing Communications (IMC) ......................................... 3
MKTG 441 Marketing Research ................................................................................... 3
MKTG 471 International Marketing ............................................................................. 3

III. Liberal Arts Curriculum (LAC) Requirements: (31 credits)
There are specific LAC requirements for the A.S. Marketing degree. Please consult an advisor in the Marketing program for complete information.

Total Credits: 64

Minor: Marketing (15 credits)

MKTG 301 Principles of Marketing ............................................................................................... 3
MKTG 331 Professional Selling .................................................................................................. 3
MKTG 381 Advertising Management ............................................................................................... 3

Any 2 courses (6 credits) of the following courses: ................................................................. 6
MKTG 321 Retail Management ................................................................................... 3
MKTG 341 Sales Management ..................................................................................... 3
MKTG 351 e-Marketing ............................................................................................... 3
MKTG 361 Business-to-Business Marketing ............................................................................. 3
MKTG 371 Entrepreneurship ....................................................................................... 3
MKTG 391 Consumer Behavior ................................................................................... 3
MKTG 411 Integrated Marketing Communications (IMC) ......................................... 3
MKTG 441 Marketing Research ................................................................................... 3
MKTG 471 International Marketing ............................................................................. 3

Total Credits 15

Bachelor of Applied Science: Marketing

As of Spring semester 2004, specific course requirements are currently under review and revision. Please see the Chairperson of the Business and Public Affairs Department and/or the Marketing program faculty for current requirements.

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, or a two-year technical diploma approved by MnSCU, 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:
Successful completion of one of the following three degrees is prerequisite for pursuing a Bachelor of Applied Science in Marketing degree:
A. Associate Degree curriculum requirements printed in the Academic Policies section of the online catalog.
B. The following three requirements:
  1. A minimum of 42 semester credit hours (SCH) an accredited four-year institutions, of which:
     a. A minimum of 22 SCH is completed at SMSU.
     b. A minimum of 27 SCH is completed at the 300 or 400 level.
  2. Complete the requirements for an approved B.A.S. major
  3. Complete all coursework while enrolled at SMSU with a cumulative GPA of at least 2.25 on a 4.0 scale.
     A GPA of 2.5 will be required for all courses within the Marketing discipline, regardless of where completed.
C. Complete requirements under one of the following three categories as determined by status at time of matriculation at SMSU:
  1. Possess an A.A.S. degree from an accredited community or technical college or a four-year college or university.
     a. Complete an additional minimum of 64 SCH.
  b. Satisfy the Minnesota General Transfer Curriculum or a minimum of 22 SCH from SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum consisting of courses approved by the students’ Degree Program Committee.
2. Possess an A.S. degree from an accredited community or technical college or a four-year college or university.
   a. Complete an additional minimum of 64 SCH.
   b. Satisfy the Minnesota General Transfer Curriculum or a minimum of 12 SCH from SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum consisting of courses approved by the students’ Degree Program Committee.
3. Possess a MnSCU approved two-year technical diploma from an accredited community or technical college or a four-year college or university.
   a. Complete an additional minimum of 86 SCH.
   b. Satisfy the Minnesota General Transfer Curriculum or SMSU’s Liberal Arts Curriculum/Minnesota Transfer Curriculum or a minimum of 12 SCH from SMSU’s Liberal Arts Curriculum.

Major Requirements:
A. Basic Courses: (18 credits)
   ACCT 211 Principles of Accounting I .................................................................3
   ACCT 212 Principles of Accounting II ...............................................................3
   BADM 230 Business Statistics I .........................................................................3
   BADM 280 Computer Concepts and Applications ........................................3
   ECON 201 Microeconomics .............................................................................3
   ECON 202 Macroeconomics ..............................................................................3

B. Upper-division Courses: (21 credits)
   BADM 380 Management Principles .................................................................3
   MKTG 301 Marketing Principles .......................................................................3
   MKTG 331 Professional Selling .........................................................................3
   MKTG 361 Business-to-Business Marketing ....................................................3
   MKTG 381 Advertising Management ...............................................................3
   MKTG 441 Marketing Research .........................................................................3
   MKTG 491 Strategic Marketing Policy .............................................................3

C. Elective Courses: (Minimum of 3 credits) ..................................................3
   BADM 350 Managerial Finance ........................................................................3
   BADM 390 Business Law I ................................................................................3
   BADM 355 Small Business Management .........................................................3
   ECON 470 International Business .....................................................................3
   MKTG 321 Retail Management .........................................................................3
   MKTG 341 Sales Management ..........................................................................3
   MKTG 351 e-Marketing ....................................................................................3
   MKTG 371 Entrepreneurship ............................................................................3
   MKTG 391 Consumer Behavior ........................................................................3
   MKTG 411 Integrated Marketing Communications (IMC) ..............................3
   MKTG 471 International Marketing ..................................................................3

D. The following limitations also apply:
   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.
MARKETING COURSES (MKTG)

MKTG 286 Special Topics in Marketing (1-4 credits)
Customized course of instruction with content approved by the Marketing advisor and course instructor. Prerequisite: Marketing major and MKTG 301.

MKTG 301 Principles of Marketing (3 credits)
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. Prerequisite: ECON 201 or ECON 202.

MKTG 321 Retail Management (3 credits)
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. Prerequisite: MKTG 301.

MKTG 331 Professional Selling (3 credits)
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.

MKTG 341 Sales Management (3 credits)
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. Prerequisite: MKTG 331.

MKTG 351 e-Marketing (3 credits)
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. Prerequisite: MKTG 301.

MKTG 361 Business-to-Business Marketing (3 credits)
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.

MKTG 371 Entrepreneurship (3 credits)
With large corporations in a constant state of flux with employees often being treated as an expendable item, pursuit of individual ideas for successful business ventures continues to flourish in this country. Some people have a natural instinct for starting business enterprises but lack both the desire and skills to insure their continuing success. This course will help students to better evaluate their own potential as an entrepreneur and to better determine the key factors that make up this element of the marketing discipline.

MKTG 381 Advertising Management (3 credits)
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. Prerequisite: MKTG 301.

MKTG 386 Special Topics in Marketing (1-4 credits)
Customized course of instruction with content approved by the Marketing advisor and course instructor. Prerequisite: Marketing major and MKTG 301.

MKTG 391 Consumer Behavior (3 credits)
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. Prerequisite: MKTG 301.
MKTG 411 Integrated Marketing Communications (IMC) (3 credits)
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. Prerequisite: MKTG 301.

MKTG 441 Marketing Research (3 credits)
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. Prerequisites: MKTG 301 and BADM 230.

MKTG 471 International Marketing (3 credits)
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.

MKTG 486 Special Topics in Marketing (1-4 credits)
Customized course of instruction with content approved by the Marketing advisor and course instructor. Prerequisites: Marketing major and MKTG 301.

MKTG 487 Marketing Seminar (3 credits)
Customized set of activities designed by the student and instructor to enhance areas of marketing understanding. Prerequisites: senior standing and consent of Marketing advisor and selected instructor.

MKTG 491 (M) Strategic Marketing Policy (3 credits)
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. Prerequisites: MKTG 301, MKTG 331, MKTG 361, MKTG 381, MKTG 441.

MKTG 494 Independent Study (1-3 credits)
Prerequisites: Marketing major, MKTG 301 and consent of marketing advisor and selected instructor.

MKTG 499 Marketing Internship (1-6 credits)
The opportunity to pursue an internship is design 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. Prerequisites: Prior approval for an internship position as determined by a Marketing or designated faculty advisor; minimum of one semester in residence after the internship; and a 2.25 GPA.

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

Office: Science and Math 178, 537-6141
Faculty: Paul Enersen, Kathryn Jones, Robert Moyer, Sami Shahin, Sherwin Skar, Wije Wijesiri

Department: Mathematics/Computer Science

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.

Bachelor of Arts: Mathematics (44 credits)

I. Required Courses in Mathematics:

<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>
<tr>
<td>MATH 252</td>
<td>Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>MATH 350</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 360</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 200</td>
<td>Introduction to Statistics</td>
<td>3</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 210</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 320</td>
<td>Foundations of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 440</td>
<td>Abstract Algebra I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 450</td>
<td>Advanced Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 441</td>
<td>Abstract Algebra II</td>
<td>3</td>
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<tr>
<td>OR</td>
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<td></td>
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<tr>
<td>MATH 451</td>
<td>Advanced Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 480</td>
<td>Mathematics Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

II. Additional Courses:

Nine (9) additional credits in MATH courses numbered 200 or above, including a maximum of 3 credits from 499 with departmental approval

Total Credits: 44

Bachelor of Science: Mathematics Education (44 credits)

I. Required courses in Mathematics:

<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>
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<tr>
<td>MATH 252</td>
<td>Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>MATH 350</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 360</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 200</td>
<td>Introduction to Statistics</td>
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<tr>
<td>MATH 210</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 300</td>
<td>Modern Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 320</td>
<td>Foundations of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 440</td>
<td>Abstract Algebra I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 450</td>
<td>Advanced Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 441</td>
<td>Abstract Algebra II</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 451</td>
<td>Advanced Calculus II</td>
<td>3</td>
</tr>
</tbody>
</table>
MATHEMATICS COURSES (MATH)

MATH 060 Intermediate Algebra (3 credits)
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.

MATH 101 (LAC) Great Ideas of Mathematics (3 credits)
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.

MATH 103 (LAC) Introduction to Math Modeling (3 credits)
Mathematical models used to solve everyday problems. The required preparation is MATH 060 or two years of high school mathematics.

MATH 110 College Algebra (3 credits)
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.

MATH 115 (LAC) Finite Mathematics (3 credits)
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.

MATH 125 Trigonometry and Special Functions (3 credits)
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.

MATH 127 (LAC) Concepts of Mathematics (3 credits)
A study of some fundamental concepts of mathematics. Topics include problem-solving, inductive and deductive reasoning, sets, relations, and number systems. Some of the topics are discussed in the context of their historical development and their place in the elementary school curriculum.

Special 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.

Minor: Mathematics (22 credits) (Non-Teaching)

I. Required courses in Mathematics:

MATH 150 Calculus I ................................................................. 5
MATH 151 Calculus II ............................................................... 5
MATH 252 Calculus III ............................................................ 3
MATH 200 Introduction to Statistics ........................................ 3
OR ......................................................................................... 3
MATH 210 Discrete Mathematics ............................................. 3

II. Additional Courses:
Six (6) additional credits in MATH courses numbered 200 or higher, excluding 499 ....................... 6

Total Credits: 22
MATH 128 Mathematics for Elementary Teachers (3 credits)
A study of some important concepts of mathematics. Topics may include problem-solving, geometry, measurement, probability, and statistics. The topics are developed in the context of their place in the elementary school curriculum. This course is required for all Elementary Education majors. Prerequisite: MATH 127.

MATH 135 PreCalculus (5 credits)
A detailed study of 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.

MATH 140 (LAC) Calculus: A Short Course (3 credits)
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.

MATH 150 (LAC) Calculus I (5 credits)
Differential calculus of elementary functions, including applications. Introduction to integration. Prerequisite: Three years of high school mathematics including trigonometry or MATH 125 or MATH 135 or consent of instructor. The required preparation is MATH 125 or Math 135 or three years of high school mathematics including trigonometry.

MATH 151 (T) Calculus II (5 credits)
Applications of integration. Sequences and series, analytical geometry, parametric equations, polar coordinates, vectors, and geometry of two- and three-space. Prerequisite: MATH 150.

MATH 200 (T) Introduction to Statistics (3 credits)
Introduction to measures of central tendency, measures of dispersion, frequency distributions, large and small samples, testing of hypotheses, and correlation analysis. Use of computer in statistical analysis. The required preparation is MATH 110 or three years of high school mathematics.

MATH 210 (T) Discrete Mathematics (3 credits)
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.

MATH 252 Calculus III (3 credits)
Differential and integral calculus of Euclidean three-space using vector notation. Prerequisite: MATH 151.

MATH 286 Special Topics in Mathematics (1-4 credits)
Prerequisite: consent of instructor and Department of Mathematics/Computer Science.

MATH 292 Honors Credit in Math (1-4 credits)
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 Mathematics course. Prerequisites: consent of instructor and the Department of Mathematics/Computer Science.

MATH 300 Modern Geometry (3 credits)
The postulation systems of geometry, including Euclidean and non-Euclidean geometries, projective and affine geometry. Prerequisite: MATH 151.

MATH 305 History of Mathematics (3 credits)
Lives and contributions of mathematicians and the development of ideas and branches of mathematics. Prerequisites: MATH 151.

MATH 310 Number Theory (3 credits)
The integers, including Peano postulates, divisibility, congruencies, Diophantine equations, and continued fractions. Prerequisite: MATH 151 or consent of instructor.

MATH 315 Combinatorics (3 credits)
A survey of some of the techniques of combinatorial mathematics and their application. Topics include connectivity, planarity and colorability of graphs, graph isomorphisms, enumeration techniques, recurrence relations, and generating functions. Many of the topics are extensions of those introduced in MATH 210: Discrete Mathematics. Prerequisite: MATH 210 and either MATH 150 or 140.

MATH 320 Foundations of Mathematics (3 credits)
The “nature” of mathematics, the axiomatic method, the theory of sets, the real number continuum, and various viewpoints on the foundations of mathematics. Prerequisites: MATH 151.

MATH 330/331 Probability and Statistics I/II (3 credits each)
An introduction to calculus of probabilities and mathematical statistics, including discrete and random variables, mathematical expectation, probability distributions, sampling, hypothesis tests, regression, and correlation. Prerequisites: MATH 151 for MATH 330; MATH 330 for MATH 331.
MATH 345 Numerical Analysis (3 credits)
Finite differences and applications; interpolation formulas; inversion of matrices; numerical methods of solution of equations; numerical differentiation and integration. Prerequisites: MATH 151.

MATH 350 Differential Equations (3 credits)
Exact solutions and applications of differential equations. Prerequisite: MATH 151.

MATH 355 Applied Mathematics (3 credits)
Partial differential equations of physics, orthogonal sets of functions, Fourier series, boundary value problems, and applications of these topics. Prerequisites: MATH 252 and MATH 350.

MATH 360 Linear Algebra (3 credits)
Matrices and determinants with applications to vector spaces (linear transformations and eigenvalues) and the solution of systems of linear equations. Prerequisite: MATH 151.

MATH 370 Operations Research (3 credits)
Several types of optimizing techniques, including linear programming, simulations, applications of probability, and dynamic programming. Prerequisite: MATH 151.

MATH 394 Directed Studies in Mathematics (1-4 credits)
Independent study of mathematical topics not ordinarily covered in the established courses. May be repeated. Prerequisite: consent of instructor.

MATH 440/441 Abstract Algebra I/II (3 credits each)
Basic algebraic systems, including groups, rings, fields, and modules. Prerequisites: MATH 252 for MATH 440; MATH 440 for MATH 441.

MATH 450/451 Advanced Calculus I/II (3 credits each)
A theoretical investigation of calculus of several variables, metric spaces, sequences and series of functions; theory of integration. Prerequisite: MATH 252 for MATH 450; MATH 450 for MATH 451.

MATH 460 Complex Analysis (3 credits)
The algebra of complex numbers, analytic functions, mapping properties of the elementary functions, Cauchy’s Theorem, Cauchy’s integral formula and residues. Prerequisites: MATH 252 and junior or senior standing.

MATH 480 Mathematics Seminar (1 credit)
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. Prerequisite: junior or senior standing or approval by the Mathematics and Computer Science faculty.

MATH 486 Advanced Topics in Mathematics (1-4 credits)
Prerequisite: consent of instructor and the Department of Mathematics/Computer Science.

MATH 499 Internship in Mathematics (1-16 credits)
On-the-job supervised experience and study dealing with applications of mathematics. Prerequisites: junior standing and consent of Mathematics and Computer Science Program faculty.
MUSIC

Office: Fine Arts 207, 537-7234
Faculty: John Ginocchio, Daniel Rieppel, Russell Svenningsen
Department: Art, Music, Speech Communication and Theatre

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.

NOTICE: As of 7/08 The Bachelor of Arts: Music degrees defined below (with emphases in Music in the Liberal Arts; Instrumental Performance; Vocal Performance; Piano Performance & Pedagogy; Theory/Composition; and Management) were under review by the National Association of Schools of Music. These degree emphases will be available upon approval of this organization. Please contact the department office for the current status of these degree programs, and degree options currently available.

Bachelor of Arts: Music (45-58 credits)++

With emphases in: Music in the Liberal Arts (45); Instrumental Performance (58);
Vocal Performance (58); Piano Performance & Pedagogy (58); Theory/Composition (58)

Core Music Requirements: (30 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 (7 semesters)</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>
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<tr>
<td>MUS 174L</td>
<td>Music Theory II Lab</td>
<td>1</td>
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<tr>
<td>MUS 260</td>
<td>Piano Competency</td>
<td>0</td>
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<tr>
<td>MUS 272</td>
<td>Music Theory III</td>
<td>2</td>
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<tr>
<td>MUS 272L</td>
<td>Music Theory III Lab</td>
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</tr>
<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 IV Lab</td>
<td>1</td>
</tr>
<tr>
<td>MUS 366</td>
<td>Basic Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MUS 370</td>
<td>Form &amp; 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-Baroque</td>
<td>3</td>
</tr>
<tr>
<td>MUS 382</td>
<td>Music History: Classical-20th Century</td>
<td>3</td>
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<tr>
<td>MUS 3xx</td>
<td>Major Ensembles*</td>
<td>6</td>
</tr>
<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>Southwest Minnesota Orchestra</td>
<td>0-2</td>
</tr>
<tr>
<td>MUS 355</td>
<td>Concert Choir</td>
<td>0-2</td>
</tr>
</tbody>
</table>

*Although degree candidates only need 6 credits of major ensemble for graduation, students are required to be in a major ensemble every semester while at SMSU.
++ Students must complete 128 credits of course work in order to graduate with a Bachelor of Arts degree.

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
I. Emphasis in Music in the Liberal Arts (15 credits)
MUS 3xx Primary Lessons** .......................................................... 6
MUS 494 Independent Study (capstone) .............................................. 3
(Projects must draw relationships between music and an outside field.
Projects must be approved by the student’s advisor.)
Musical Culture Electives.................................................................. 6
Select two from the following:
MUS 100 Introduction to Music .......................................................... 3
MUS 101 Survey of World Music .......................................................... 3
MUS 102 American Music .................................................................. 3
MUS 104 Popular Music .................................................................. 3

**Primary Lessons are defined as applied lessons on the student’s primary instrument.
++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 300 Junior Proficiency .............................................................. 0
MUS 3xx Primary Lessons** ............................................................ 12
MUS 3xx Secondary Lessons on a common doubling instrument .................. 4
MUS 327 Applied Improvisation ......................................................... 2
MUS 351 Applied Voice ................................................................... 2
MUS 361 Applied Piano ................................................................... 2
MUS 399 Junior Recital (Lessons must be taken during the semester of the Junior Recital.) .... 0
MUS 474 Music Management & Public Relations .................................... 3
MUS 497 Senior Instrumental Recital (capstone) .................................. 1
(Lessons must be taken during the semester of the Senior Recital.)

Instrumental Methods Electives ...................................................... 2
Select at least one from: (Students should select the family of their primary instrument.)
MUS 318 Brass Methods .................................................................. 1-2
MUS 328 Woodwind Methods ......................................................... 1-2
MUS 330 Percussion Methods .......................................................... 1-2
MUS 348 String Methods .................................................................. 1-2

**Primary Lessons are defined as applied lessons on the student’s primary instrument.

III. Emphasis in Piano Performance & Pedagogy (28 credits)
MUS 300 Junior Proficiency .............................................................. 0
MUS 327 Applied Improvisation ......................................................... 2
MUS 361 Applied Piano ................................................................... 14
MUS 363 Applied Harpsichord ............................................................ 2
MUS 375 Applied Composition .......................................................... 2
MUS 399 Junior Recital (Lessons must be taken during the semester of the Junior Recital.) .... 0
MUS 474 Music Management & Public Relations .................................... 3
MUS 497 Senior Instrumental Recital (capstone) .................................. 1
(Lessons must be taken during the semester of the Senior Recital.)

Teaching Methods Courses ............................................................. 4
Select from the following:
MUS 392 Elem. Music Methods .......................................................... 2
MUS 393 Sec. Music Methods ............................................................ 2
MUS 460 Piano Pedagogy .................................................................. 2
MUS 462 Piano Laboratory Methods .................................................. 1
MUS 466 Piano Literature .................................................................. 2
MUS 468 Piano Pedagogy Workshop ................................................. 2

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
IV. Emphasis in Vocal Performance (28 credits)*

MUS 300  Junior Proficiency ................................................................. .0
MUS 311  Applied Voice ...........................................................................12
MUS 351  Opera Workshop ................................................................. .4
MUS 361  Applied Piano .............................................................................6
MUS 399  Junior Recital (Lessons must be taken during the semester of the Junior Recital) ........................................................................ .0
MUS 455  Vocal Diction and Literature ................................................... .2
MUS 474  Music Management & Public Relations ................................ .3
MUS 496  Senior Vocal Recital (capstone) .................................................1

(LESSONS MUST BE TAKEN DURING THE SEMESTER OF THE SENIOR RECITAL)

* Vocal Students are encouraged to take at least two semesters of a foreign language.

V. Emphasis in Theory/Composition (28 credits)

MUS 300  Junior Proficiency ................................................................. .0
MUS 3xx  Primary Lessons** ............................................................... .6
MUS 361  Applied Piano .............................................................................4
(or secondary instrument[s] if piano is the student’s primary instrument)
MUS 373  Applied Counterpoint .......................................................... .2
MUS 375  Applied Composition ............................................................ .6
MUS 498  Senior Composition Recital (capstone) ................................... .0
(MUS 373 and/or MUS 375 must be taken during the same semester as the recital)

Music Methods Electives ................................................................. .4

Select at least two from the following:

MUS 318  Brass Methods ................................................................. 1-2
MUS 328  Woodwind Methods .......................................................... 1-2
MUS 330  Percussion Methods ........................................................... 1-2
MUS 348  String Methods ................................................................. 1-2
MUS 3xx  Applied Lessons (on additional instrument or voice) ............. 1-2

Musical Culture Electives ................................................................. 6

Select two courses from the following:

MUS 100  Introduction to Music ........................................................... 3
MUS 101  Survey of World Music ........................................................ 3
MUS 102  American Music ................................................................. 3
MUS 104  Popular Music ................................................................. 3

**Primary Lessons are defined as applied lessons on the student’s primary instrument.

++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.)

Bachelor of Arts: Music (with emphasis in Management) (72 credits)

1. Core Music Requirements (36 credits)

MUS 101  Survey of World Music ........................................................... 3
MUS 104  Popular Music ................................................................. 3
MUS 110  Public Performance Studies (3 semesters) ............................. .0
MUS 172  Music Theory I ................................................................. 2
MUS 172L  Music Theory I Lab ........................................................... 1
MUS 174  Music Theory II ................................................................. 2
MUS 174L  Music Theory II Lab ........................................................... 1
MUS 3xx  Major Ensembles* .................................................................6

MUS 333  Jazz Band ...........................................................................0-2
MUS 335  Symphonic Band .................................................................0-2
MUS 336  Marching Band ...................................................................0-2
MUS 337  Southwest Minnesota Orchestra .........................................0-2

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
### MUS 355 Concert Choir ................................................................0-2
### MUS 3xx Primary Lessons** ...................................................................................................... ...6
### MUS 381 Music History: Medieval-Baroque ................................................................................3
### MUS 382 Music History: Classical-20th Century .........................................................................3
### MUS 474 Music Management & Public Relations .........................................................................3
### Music Electives ........................................................................................................................................3

Select from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 100</td>
<td>Introduction to Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 102</td>
<td>American Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 272</td>
<td>Music Theory III (with MUS 272L)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 274</td>
<td>Music Theory IV (with MUS 274L)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 372</td>
<td>Form &amp; Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MUS 3xx</td>
<td>Secondary Lessons</td>
<td>2</td>
</tr>
<tr>
<td>MUS 392</td>
<td>Elementary Music Methods</td>
<td>2</td>
</tr>
</tbody>
</table>

*Although degree candidates only need 6 credits of major ensemble for graduation, students are required to be in a major ensemble every semester while at SMSU except during internships.

**Primary Lessons are defined as applied lessons on the student’s primary instrument.

### II. Core Business Requirements (36 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</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>MGMT 221</td>
<td>Computer Concepts &amp; Applications</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 301</td>
<td>Marketing Principles</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>BADM 305</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 350</td>
<td>Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>BADM 499</td>
<td>Internship (capstone)</td>
<td>3</td>
</tr>
</tbody>
</table>
| Business Electives .....................................................................................................................................9

Select three courses from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</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 &amp; Theory</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 332</td>
<td>Interpersonal Skills &amp; Organization</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 460</td>
<td>Leadership &amp; Team Management</td>
<td>3</td>
</tr>
</tbody>
</table>

++ Music Management majors are encouraged to complete their minimum of 120 credit hours with electives that may prove useful in a music management career (Ex. Business, Mathematics, Speech Communications, Foreign Language, etc.)

### Bachelor of Science: Music Education (68-70 credits)*

Specializations and Licensure Achieved:

1. Vocal Music & Classroom K-12 or
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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</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 (7 semesters total)</td>
<td>0</td>
</tr>
<tr>
<td>MUS 140</td>
<td>Guitar Proficiency Class</td>
<td>1</td>
</tr>
<tr>
<td>MUS 172/172L</td>
<td>Music Theory I/Music Theory I Lab</td>
<td>3</td>
</tr>
<tr>
<td>MUS 174/174L</td>
<td>Music Theory II/Music Theory II Lab</td>
<td>3</td>
</tr>
<tr>
<td>MUS 260</td>
<td>Piano Competency</td>
<td>0</td>
</tr>
</tbody>
</table>

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III. Professional Education Requirements

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.

Core Credits: 33-34

Total Credits: 68-70

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**Restrictions:** To advance to candidate status for the B.S. degree, students must demonstrate proficiency by performing with excellence at a jury examination. Students who do not demonstrate proficiency must re-petition for subsequent jury examinations until performance is deemed worthy of candidacy. Students with deficiencies may be required to complete additional applied instruction.

### Minor: Music (23 credits)

For acceptance into the Music minor program, all Music minors should contact a music faculty member for specific information.

#### I. Core Requirements: (13 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 110 Public Performance Studies</td>
<td>0</td>
</tr>
<tr>
<td>MUS 172 Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 172L Music Theory I Lab</td>
<td>1</td>
</tr>
<tr>
<td>MUS 174 Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 174L Music Theory II Lab</td>
<td>1</td>
</tr>
<tr>
<td>MUS 260 Piano Competency</td>
<td>0</td>
</tr>
</tbody>
</table>

**Applied Electives:** *(One of the following courses)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 366 Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MUS 300+ Applied Lessons in a selected instrument</td>
<td>2</td>
</tr>
</tbody>
</table>

**Music History Course:** *(One of the following courses)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 381 Music History: Medieval-Baroque</td>
<td>3</td>
</tr>
<tr>
<td>MUS 382 Music History: Classic-20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

#### II. Electives in Music: .................................................................10

In selecting an appropriate elective in music, each minor should consult with a Music faculty advisor. Any combination of electives in music may be chosen, providing that prerequisites are met. However, the following emphases may be chosen as electives:

**I. Composition Emphasis Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 272 Music Theory III</td>
<td>3</td>
</tr>
<tr>
<td>MUS 274 Music Theory IV</td>
<td>3</td>
</tr>
<tr>
<td>MUS 373 Applied Counterpoint</td>
<td>2</td>
</tr>
<tr>
<td>MUS 375 Applied Composition</td>
<td>2</td>
</tr>
<tr>
<td>MUS 49X Senior Recital</td>
<td>2</td>
</tr>
</tbody>
</table>

**II. Performance Emphasis Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 3XX Applied [Instrument]</td>
<td>2</td>
</tr>
<tr>
<td>MUS 3XX Vocal/Instrumental Ensemble</td>
<td>0-2</td>
</tr>
<tr>
<td>MUS 3XX Vocal/Instrumental Methods</td>
<td>1-2</td>
</tr>
<tr>
<td>MUS 4XX Vocal/Instrumental Methods</td>
<td>1-2</td>
</tr>
<tr>
<td>MUS XXX Orchestra/Vocal</td>
<td>2</td>
</tr>
<tr>
<td>MUS 49X Senior Vocal/Instrumental Recital</td>
<td>2</td>
</tr>
</tbody>
</table>

**III. Popular Music Emphasis Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 102 American Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 304 Popular Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 327 Applied Improvisation</td>
<td>2</td>
</tr>
<tr>
<td>MUS 333 Jazz Band</td>
<td>0-2</td>
</tr>
<tr>
<td>MUS 352 Jazz Singers</td>
<td>0-2</td>
</tr>
<tr>
<td>MUS 3XX Applied Lessons</td>
<td>2</td>
</tr>
<tr>
<td>MUS 494 Independent Study</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Credits: 23**

Music minors must complete a minimum of two semesters of a major applied music area and two semesters (one credit hour/semester) of ensemble participation.

* MUS 100 Introduction to Music is recommended prior to taking a Music History course.
MUSIC COURSES (MUS)

MUS 100 (LAC) Introduction to Arts/Music (3 credits)
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.

MUS 101 (LAC, G) Survey of World Music (3 credits)
A study of the music, musicians and musical instruments of selected cultures of the world, as a means to a broader understanding of music as a worldwide phenomenon.

MUS 102 (LAC, R, S) American Music (3 credits)
The study of history of American classical and vernacular music, starting from pure rural strains of diverse culture groups, and then mixing and branching out in new directions, developing into complex urban forms. It will include folk, country, blues, gospel, barbershop, jazz, rock, musical theatre, band, classical, and other American traditions.

MUS 103 (LAC) So You Wanna Compose? (3 credits)
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.

MUS 104/304 (LAC) Popular Music (3 credits)
The 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.

MUS 110 Public Performance Studies (0 credits)
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 experiences performers/educators.

MUS 140 Guitar Proficiency Class (1 credit)
Study basic guitar technique and develop skills to satisfy the requirement for teacher certification in the public schools. To provide a recreational subject for the general student body.

MUS 172 Music Theory I (2 credits)
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. Prerequisites: Theory Placement Exam.

MUS 172L Music Theory I Lab (1 credit)
Musicianship training in keyboard, sight singing and ear training. to be taken concurrently with MUS 172.

MUS 174 Music Theory II (2 credits)
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. Prerequisite: MUS 172

MUS 174L Music Theory II Lab (1 credit)
Musicianship training in keyboard, sight singing and ear training. Prerequisites: MUS 172, 172L, to be taken concurrently with MUS 174.

MUS 175 Music Theory III (2 credits)
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. Prerequisite: MUS 172

MUS 250 Class Voice (1 credit)
The fundamental techniques of solo singing through basic instruction on posture, breath control, phonation, phrasing, interpretation and representative vocal solo literature.

MUS 260 Piano Competency (0 credits)
To set minimum standards of piano competency for students earning degrees with a major or minor in music. Prerequisite: MUS 172.

MUS 272 Music Theory III (2 credits)
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. Prerequisite: MUS 174.

MUS 272L Music Theory III Lab (1 credit)
Musicianship training in keyboard, sight singing and ear training. Prerequisites: MUS 174, 174L, to be taken concurrently with MUS 272.

MUS 274 Music Theory IV (2 credits)
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. Prerequisite: MUS 274.

MUS 274L Music Theory IV Lab (1 credit)
Musicianship training in keyboard, sight singing and ear training. Prerequisites: MUS 272, 272L; to be taken concurrently with MUS 274.

MUS 292 Honors in Music (on demand, 1-4 credits)
To provide honor 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 his/her currently enrolled music courses. Prerequisites: Honors student, consent of instructor.
MUS 300 Junior Proficiency (0 credits)
The purpose of this exam is to ensure proficiency on the instrument for those majors who are going to pursue performance, composition, or teaching careers. The junior proficiency must be attempted no later than the first semester of the students third year. However, there is no deadline for passing this course.

MUS 311 Applied Trumpet (2 credits)
MUS 312 Applied Horn (2 credits)
MUS 313 Applied Trombone (2 credits)
MUS 314 Applied Euphonium (2 credits)
MUS 315 Applied Tuba (2 credits)
To advance the individual playing skills of each student electing such study and to gain mastery of representative brass literature.

MUS 318 Brass Methods (1-2 credits)
Class Instruction. 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. Prerequisite: MUS 174.

MUS 321 Applied Flute (2 credits)
MUS 322 Applied Oboe (2 credits)
MUS 323 Applied Clarinet (2 credits)
MUS 324 Applied Bassoon (2 credits)
MUS 325 Applied Saxophone (2 credits)
To enhance the individual playing skills of each student electing such study and to gain mastery of representative woodwind literature.

MUS 327 Applied Improvisation (2 credits)
An applied (individual) lesson with in-depth study of jazz improvisation. Students will have the opportunity to learn jazz notation along with the basic structures of jazz chords and scales. Current technology such as “Band-in-a-Box” and “Smart Music” will be utilized when appropriate.

MUS 328 Woodwind Methods (1-2 credits)
Class Instruction. The 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. Prerequisite: MUS 174.

MUS 330 Percussion Methods (1-2 credits)
Class instruction. 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. Prerequisite: MUS 174.

MUS 331 Applied Percussion (2 credits)
To advance the individual playing skills of each student electing such study and to gain mastery of representative percussion literature.

MUS 332 Pep Band (small ensemble) (0-2 credits)
During spring semester Pep Band(s) will be organized to appear at athletic events.

MUS 333 Jazz Band (major ensemble) (0-2 credits)
A select group of musicians who study and perform compositions reflecting various styles of jazz. Auditions are held during the first weeks of school.

MUS 334 Chamber Music (small ensemble) (1 credit)
The literature of chamber music in small groups by string, winds, percussion, and keyboard.

MUS 335 Symphonic Band (major ensemble) (0-2 credits)
Preparation and performance of concert band and wind ensemble literature. Open to all students who play band instruments; on-campus and off-campus appearances.

MUS 336 Marching Band (major ensemble) (0-2 credits)
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 and off-campus performance. Auditions for positions. Fall offering only.

MUS 337 Southwest Minnesota Orchestra (major ensemble) (0-2 credits)
Open to all students, faculty and other interested orchestra players. Prerequisite: Permission Required.

MUS 339 Concert Band (small ensemble) (0-2 credits)
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.

MUS 341 Applied Violin (2 credits)
MUS 342 Applied Viola (2 credits)
MUS 343 Applied Cello (2 credits)
MUS 344 Applied Bass (2 credits)
To teach students to perform at many levels on stringed instruments.

MUS 348 String Methods (1-2 credits)
Class instruction. 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, cello, bass and viola. Prerequisite: MUS 174.

MUS 349 Applied Guitar (2 credits)
To advance the student’s ability through the study of classical guitar literature and/or the vocabulary of jazz.

MUS 351 Applied Voice (2 credits)
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.

MUS 352 Vocal Ensemble (small ensemble) (1-2 credits)
To study and perform small vocal ensemble literature. The ensemble varies semester to semester: Men’s Glee Club, Bella Voce, Ensemble Singers. Open to all students by audition. Prerequisite: consent of instructor.

MUS 355 Concert Choir (major ensemble) (0-2 credits)
Performance of choral literature of all periods, voices and nationalities. Open to all students by audition. Prerequisite: Permission Required.

MUS 357 Opera Workshop (1-4 credits)
Open to a select group of students for the performance of operatic literature, study of scores, acting, and actual presentation of literature. Prerequisite: consent of instructor.

MUS 361 Applied Piano (2 credits)
To strive for command of the instrument so that the musical principals and ideas of the composer may be conveyed to the listener.

MUS 362 Applied Organ (2 credits)
To give students the opportunity to develop the technical artistry on the organ necessary to accomplish their individual purposes and goals.

MUS 363 Applied Harpsichord (2 credits)
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.

MUS 366 Conducting (2 credits)
Basic concepts in choral and instrumental conducting, including: score reading, score interpretation, comprehensive musicianship, rehearsal techniques, and programming. Prerequisite: MUS 174.

MUS 370 Form and Analysis (2 credits)
The detailed study of form and analysis brings together the various skills and techniques learned in the previous study of Music Theory. These skills and techniques show the student how to study music from the inside out and facilitate a more sophisticated level of musical and critical thinking. Prerequisite: MUS 274.

MUS 373 Applied Counterpoint (2 credits)
Applied lessons in composing melodic structure and the combination of melodic line in two, three and four voices in 16th or 18th century styles. Prerequisite: MUS 174.

MUS 375 Applied Composition (2 credits)
Individualized instruction in the art of composition. Students will compose short works for traditional instruments and/or voices while exploring techniques and materials of modern music. Prerequisite: MUS 174.

MUS 377 Orchestration & Choral Arranging (2 credits)
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. Prerequisite: MUS 174.

MUS 380 Special Topic: Idea of Music (on demand, 2 credits)
A course designed as an elective for non-music majors interested in music and other various ideas expressed throughout the history of music.

MUS 381 Music History: Medieval-Baroque (3 credits)
Studies of musical development from early music through the music of the Baroque period, emphasis on music literature. Prerequisite: MUS 174.

MUS 382 Music History: Classical-20th Century (3 credits)
A study of music from the classic period to the present, emphasis on music literature. Prerequisite: MUS 174.

MUS 390 Music Fundamentals for Elementary Teachers (2 credits)
A study of the fundamentals of music with applications for the elementary classroom. This course is designed for elementary education majors, non-music majors.
MUS 392 Elementary School Music Methods and Materials (2 credits)
Methods, materials, organization, and procedures for teaching general music classes and other related musical organization in the schools, grades K-6. Prerequisite: MUS 174 or 390.

MUS 393 Secondary School Music Methods and Materials (2 credits)
The organization, development and implementation of general music programs in the secondary schools including the contents, methods of delivery, scheduling, etc. Prerequisite: MUS 174.

MUS 399 Junior Recital (0 credits)
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.

MUS 434 Chamber Music Workshop (2 credits)
A concentrated course in chamber music offered for one week during the summer. Four hours of rehearsal and a concert daily.

MUS 450 Administration of Music Ensembles (1 credit)
Principles, recruiting, organization, techniques, implementation, and procedures for teaching and administrating secondary vocal and instrumental ensemble music programs. Prerequisite: sophomore standing. Prerequisite: MUS 392.

MUS 453 Marching Band Techniques (2 credits)
Materials, techniques, and organization of marching band in the public schools. Fall offerings only. Prerequisite: MUS 174.

MUS 455 Vocal Diction and Literature (2 credits)
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. Prerequisite: MUS 250 and 351.

MUS 460 Piano Teaching Methods (on demand, 2 credits)
Techniques, literature, and materials relating to piano lessons for beginners through intermediate levels. Students will be encouraged to make full use of the resources in the University Library. Prerequisite: consent of instructor.

MUS 462 Piano Laboratory Methods (on demand, 1 credit)
How to organize and maintain a piano laboratory studio, and the techniques, literature, and materials for teaching piano students in groups will be explored. Prerequisite: consent of instructor.

MUS 466 Piano Literature (on demand, 2 credits)
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. Prerequisite: consent of instructor.

MUS 468 Piano Pedagogy Workshop (2 credits)
For piano teachers, offered one week in the summer. Methods, techniques and performance.

MUS 470 Topical Seminar (1-4 credits)

MUS 474/574 Music Management and Public Relations (3 credits)
Designed to teach students the fundamentals of music management. This course aims to assist public school music instructors in organization and promotional activities. Prerequisite: BADM 380.

MUS 476 Applied Choral Conducting (2 credits)
Applied Choral Conducting is designed to give the student further practice and instruction in addition to the basic skills attained in MUS 366, Conducting. Additional skills will be gained based on the progress of the student. Each student will receive a 30-50 minute lessons each week. In addition to the physical aspects of conducting, students will also discuss choral literature and score study/preparation.

MUS 477 Applied Instrumental Conducting (2 credits)
Applied Instrumental Conducting is designed to further practice and polish the skills learned in MUS 366, Conducting. Additional skills will be learned based on the progress of the student. Each student will receive between 30 and 50 minutes of instruction each week. In addition to practicing their physical conducting skills, students will also discuss quality literature and practice effective score study skills.

MUS 486 Band History and Literature (1 credit)
Survey the history of bands, with an emphasis on the U.S. and bands in public schools. Survey of literature from beginning level through college and professional bands. Prerequisite: MUS 174.
MUS 494 Independent Study (1-4 credits)
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. Prerequisite: consent of instructor.

MUS 495 Senior Seminar (1 credit)
A capstone course is required for all majors. Various projects are completed in this course, through research and performance. Grading credit/no credit only. Prerequisite: senior standing.

MUS 496 Senior Vocal Recital (1 credit)
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 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. Prerequisite: MUS 300; taken concurrently with MUS 351.

MUS 497 Senior Instrumental Recital (1 credit)
A requirement for B.S. students in Instrumental Music Education and B.A. students in Instrumental Performance or Piano Performance & Pedagogy. A recital proposal must be presented to the music faculty for approval at least ten weeks prior to the recital date and a recital jury must be passed at least 6 weeks prior to the recital date. Prerequisite: MUS 300, taken concurrently with applied lessons on the primary instrument.

MUS 498 Senior Composition Recital (0 credits)
A requirement for B.A. students in Theory/Composition. A recital proposal must be presented to the music faculty for approval at least ten weeks prior to the recital date and a recital jury must be passed at least 6 weeks prior to the recital date. Prerequisite: MUS 300; taken concurrently with applied lessons in composition and/or counterpoint.
PHILOSOPHY

Office: Bellows Academic Center 109, 537-7206
Faculty: Stewart Day, Steve Kramer, Lori Witthaus, Brett Gaul
Department: Humanities, Philosophy, and Foreign Languages

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.

Bachelor of Arts: Philosophy (31 credits)

I. Philosophy core—Required courses: (16 credits)

PHIL 103 Ethics ................................................................................................................. 3
PHIL 330 History of Philosophy I: Values .............................................................................. 3
PHIL 331 History of Philosophy II: Human Institutions ....................................................... 3
PHIL 432 History of Philosophy III: Knowledge & Reality ................................................... 4
PHIL 340 Logic ............................................................................................................................... 3

II. Elective courses: (15 credits)

Students must select five additional three credit courses from this list, of which two should be at the 300 level or above ................................................................. 15

PHIL 100 Perspectives ............................................................................................... 3
PHIL 101 Critical Thinking ....................................................................................... 3
PHIL 107 Environmental Ethics ................................................................................ 3
PHIL 201 Aesthetics .................................................................................................. 3
PHIL 210 Philosophy in Literature ............................................................................. 3
PHIL 230 Philosophy of Religion ............................................................................. 3
PHIL 305 Law, Liberty and Morality ........................................................................... 3
PHIL 286 Topics in Philosophy (May be repeated for credit) ................................ 1-4
PHIL 486 Topics in Philosophy (May be repeated for credit) ................................ 1-4
PHIL 386 Studies in Philosophy (May be repeated for credit) .................................. 1-3
PHIL 494 Independent Study (May be repeated for credit) ...................................... 1-3
HIST 301 Historiography ........................................................................................... 3
LIT 250 Critical Approaches to Literature ................................................................. 3

Total Credits: 31

Minor: Philosophy (17 credits)

PHIL 103 Ethics ................................................................................................................ 3
PHIL 330 History of Philosophy I: Values ........................................................................ 3
OR ............................................................................................................................. 3
PHIL 331 History of Philosophy II: Human Institutions ................................................... 3
PHIL 340 Logic ............................................................................................................................... 3
PHIL 432 History of Philosophy III: Knowledge and Reality ........................................... 4
One other course in Philosophy ......................................................................................... 3
One credit of special topics ............................................................................................... 1

Total Credits: 17
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)

- POL 227 The Judicial Process ............................................................... 3
- POL 328 Constitutional Law I: Criminal Justice .................................. 3
- OR ........................................................................................................... 3
- POL 351 Constitutional Law II: Civil Liberties ...................................... 3
- POL 415 Law and Society ...................................................................... 3

Philosophy Courses: (6 credits)

- PHIL 331 History of Philosophy II—Human Institutions ....................... 3
- PHIL 340 Logic ..................................................................................... 3

History Courses: (6 credits)

- HIST 221 Early America: Colonial-Civil War ........................................ 3
- HIST 301 Historiography ....................................................................... 3

Language Skills Courses: (6 credits)*

- ENG 361 Advanced Composition * ...................................................... 3
- SPCH 256 Argumentation and Debate * ................................................ 3

Business Courses: (3 credits)

- ACCT 211 Principles of Accounting I .................................................. 3
- OR ........................................................................................................... 3
- BADM 390 Business Law I ................................................................. 3

Total Credits: 30

* Should be taken prior to junior year to prepare for LSAT. One year of SPCH 161: Forensics is strongly recommended.

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 263 Poetry .....................................................................................
- PHIL 330 History of Philosophy I: Values ..........................................
- POL 250 American Parties and Elections ............................................
- LIT 250 Critical Approaches to Literature
- PHIL 205 Law, Liberty and Morality
- POL 200 International Politics
- 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.
PHIL 100 (LAC, C, T) Philosophical Perspectives (3 credits)
This course provides an analysis of various philosophical problems and the methodologies used to address these problems.

PHIL 101 (LAC, T) Critical Thinking (3 credits)
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.

PHIL 103 (LAC, C, T) Ethics (3 credits)
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.

PHIL 105 Ethical Issues in Business (3 credits)
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.

PHIL 107 (LAC, C, E) Environmental Ethics (3 credits)
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.

PHIL 201 Aesthetics (3 credits)
An examination of beauty in the fine arts; the creative process, evaluation, analysis of the work of art, appreciation, and criticism.

PHIL 210 Philosophy in Literature (3 credits)
Focuses on philosophical issues discussed or suggested in works by such authors as Dostoevsky, Sartre, Camus, Kafka, Dante, and Cervantes.

PHIL 220 (C, T) American Philosophy (3 credits)
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. For non-philosophy majors and minors interested in philosophical ideas.

PHIL 230 Philosophy of Religion (3 credits)
The purpose of this course is to introduce the student to the area of Western philosophy known as Philosophy of Religion. The topics in this area 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.

PHIL 286 Topics in Philosophy (1-4 credits)
A study of different topics in philosophy. See current course schedule for topic listing when offered. Prerequisite: prior Philosophy course or consent of instructor.

PHIL 292 Honors Credit in Philosophy (1 credit)
An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by certain students concurrently enrolled in at least one other Philosophy course. Prerequisite: consent of instructor.

PHIL 305 Law, Liberty and Morality (3 credits)
Examines humans in society, with such related issues as civil disobedience, natural rights, legal obligations, and the limits of political freedom.

PHIL 320 (C, T) American Philosophy (3 credits)
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. Prerequisite: one Philosophy course or consent of instructor. (Non-philosophy majors and minors see PHIL 220 with no prerequisites.)

PHIL 330 History of Philosophy I: Values (3 credits)
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.

PHIL 331 History of Philosophy II: Human Institutions (3 credits)
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.

PHIL 340 Logic (3 credits)
This course examines the formal rules of logical thought, including elements of classical and modern symbolic logic.

PHIL 386 Studies in Philosophy (3 credits)
In-depth study of a particular philosopher, school, or movement; may be repeated. Prerequisite: prior Philosophy course at the 200 level or consent of instructor.
PHIL 432 (M) History of Philosophy III: Knowledge and Reality (4 credits)
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 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. Prerequisites: PHIL 230 and PHIL 231, or consent of instructor.

PHIL 486 Topics in Philosophy (1-4 credits)
Prerequisite: prior Philosophy course or consent of instructor.

PHIL 494 Independent Study (1-4 credits)
PHYSICS

Office: Science and Mathematics 178, 537-6178
Faculty: Richard Flynn, Kenneth Murphy
Department: Science

The objective of the study of Physics is for the student to acquire basic concepts and principles of physics, to become familiar with various types of physical processes and instrumentation, to develop a wide variety of problem-solving skills, and to acquire the ability to make critical decisions. The minor in Physics provides a core of fundamental physics courses which will enhance any math, science, or related field of study.

Minor: Physics (28 credits)

Mathematics (10 credits)
- MATH 150 Calculus I ..........................................................5
- MATH 151 Calculus II ..........................................................5

Physics (14 credits)
- PHYS 181 University Physics I ........................................5
- PHYS 182 University Physics II .......................................5
- PHYS 291 Modern Physics ..............................................3
- PHYS 351 Advanced Lab I .............................................1

Physics Electives (4 credits) Choose one of the following: ....4
- PHYS 391 Classical Mechanics ....................................4
- PHYS 392 Electricity and Magnetism .............................4
- PHYS 491 Quantum Mechanics ....................................4
- PHYS 492 Thermal and Statistical Physics .....................4

Total Credits: 28

PHYSICS COURSES (PHYS)

PHYS 100 (LAC, T) Our Physical Universe (3 credits lecture/1 credit lab)
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.

PHYS 120 (LAC, T) Introductory Physics (3 credits lecture/1 credit lab)
A descriptive and experiential exploration of physics. Topics will be drawn from mechanics, waves, fluids, sound, heat, light, electricity, magnetism, and modern physics. Prerequisite: two years of high school mathematics or MATH 045.

PHYS 121 (LAC, T) Introduction to Astronomy (3 credits lecture/1 credit lab)
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.

PHYS 141 (LAC, T) College Physics I/ PHYS 142 College Physics II (3 credit lecture/1 credit lab)
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. Prerequisite: Three years of high school math including trigonometry or MATH 125.

PHYS 150 Directed Research (1-3 credits)
Directed experimental and/or theoretical research on selected problems in the physical sciences. Prerequisite: consent of instructor.

PHYS 181 (LAC, T) University Physics I/ PHYS 182 University Physics II (4 credits lecture/1 credit lab)
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. Prerequisite: MATH 150.
PHYS 186 Topics in Physics (1-4 credits)

PHYS 241 Engineering Statics (3 credits)
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. Prerequisite: PHYS 142 or 182.

PHYS 242 Engineering Dynamics (3 credits)
Vector treatment of kinematics, Newton’s Laws, work and energy, impulse and momentum with applications to problems of particle and rigid body motion. Prerequisites: PHYS 182 and PHYS 241.

PHYS 250 Directed Studies (1-3 credits)
Directed study of selected topics in the physical sciences not covered elsewhere. Prerequisite: consent of instructor.

PHYS 260 Electronics (2 credits lecture/1 credit lab)
Basic electricity and circuit functions, time-varying and resonant circuits, semiconductors (diodes, transistors and other devices), amplifiers, waveform generators, and nonlinear devices. Prerequisite: PHYS 142 or 182.

PHYS 286 Topics in Physics (1-4 credits)
Study of physics topic not ordinarily covered in the established courses.

PHYS 290 Mathematical Physics (3 credits)
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. Prerequisites: MATH 151 and PHYS 182, or consent of instructor.

PHYS 291 Modern Physics (3 credits)
A historically-based development of relativity and quantum theory as seen through the breakdown of classical physics. Investigation of the Bohr model of the atom, introduction to quantum mechanics and its application to problems involving simple forms of potential energy through the application of the Schrodinger equation. Brief introduction to topics including atomic, molecular, solid state, and nuclear physics. Prerequisite: PHYS 182.

PHYS 351 Advanced Lab I (1 credit)
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. Prerequisite: PHYS 291.

PHYS 352 Advanced Lab II (1 credit)
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. Prerequisite: PHYS 291.

PHYS 391 Classical Mechanics (4 credits)
Rigid bodies and systems of particles analyzed with Lagrangians, Hamiltonians, and methods from vector calculus, gravitation, central field problems, and wave motion. Prerequisite: PHYS 291.

PHYS 392 Electricity and Magnetism (4 credits)
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. Prerequisite: PHYS 291.

PHYS 451 Advanced Lab III (1 credit)
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. Prerequisite: PHYS 291.

PHYS 452 Advanced Lab IV (1 credit)
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. Prerequisite: PHYS 291.

PHYS 480 Physics Seminar (1 credit)
Presentations by students, faculty, and guest speakers covering research topics and issues relating to physics and/or engineering. Prerequisite: junior or senior standing.

PHYS 86 Special Topics in Physics (1-4 credits)
Study of physics topic not ordinarily covered in the established courses.

PHYS 491 Quantum Mechanics (4 credits)
Basic principles of quantum mechanics including operators, one-dimensional wells and barriers, Schrodinger equation, uncertainty, wave-particle duality, Born interpretation, unstable states, bosons and fermions, central force problems, angular momentum, spin, addition of angular momentum, and various approximation methods. Prerequisite: PHYS 291.

PHYS 492 Thermal and Statistical Physics (4 credits)
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. Prerequisite: PHYS 291.

PHYS 499 Physics Internship (1-10 credits)
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. Prerequisite: consent of Physics Program.

Effective 07/01/08

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

Office: Charter Hall 105, 537-6078
Faculty: Daniel W. Allen, Douglas L. Simon, David E. Sturrock
Department: Business Administration and Public Affairs

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. In addition, the major in Public Administration is designed to enable graduates to provide creative solutions to the unique challenges facing city, county, and regional governments in Greater Minnesota and in neighboring states.

Bachelor of Arts: Political Science (37 credits)

A. The following four courses:
   - POL 117 Introduction to Government and Politics .................................................. 3
   - POL 120 American National Government .................................................................. 3
   - POL 300 Political Research .......................................................................................... 4
   - POL 490 Senior Seminar in Political Science ................................................................. 3

B. One from the following: .................................................................................................. 3
   - POL 331 Western Political Thought .............................................................................. 3
   - POL 422 American Political Thought ............................................................................. 3

C. One from the following: .................................................................................................. 3
   - POL 250 American Parties and Elections ..................................................................... 3
   - POL 221 State Government ............................................................................................ 3
   - POL 324 Local and Rural Politics .................................................................................... 3
   - POL 330 The American Presidency ............................................................................... 3
   - POL 340 Public Policy and Administration .................................................................... 3
   - POL 425 The United States Congress ............................................................................. 3

D. One from the following: .................................................................................................. 3
   - POL 200 International Politics ....................................................................................... 3
   - POL 355 World Political Geography ............................................................................. 3
   - POL 356 The Politics of the Global Economy ................................................................. 3
   - POL 360 American Foreign Policy .................................................................................. 3
   - POL 405 War and Peace ................................................................................................ 3

E. One from the following: .................................................................................................. 3
   - POL 227 The Judicial Process ....................................................................................... 3
   - POL 328 Constitutional Law I: Criminal Justice ............................................................ 3
   - POL 351 Constitutional Law II: Civil Liberties ................................................................. 3
   - POL 415 Law and Society ................................................................................................ 3
   - POL 430 The U.S. Supreme Court .................................................................................. 3

F. One from the following: .................................................................................................. 3
   - POL 252 Introduction to Comparative Politics ............................................................... 3
   - POL 320 Political Economy of the Third World ............................................................. 3
   - POL 370 Government and Politics of Western Europe .................................................. 3
   - POL 375 Government and Politics of Russia ................................................................. 3
   - POL 451 Politics of Advanced Capitalist Societies ....................................................... 3

G. Two additional courses from any one of categories C, D, E or F ........................................ 6
H. Elective Political Science courses (200 or above) .................................................................. 3

Total Credits: 37

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
Minor: Political Science (21 credits)

A. The following courses:
   POL 117 Introduction to Government and Politics ................................................. 3
   POL 120 American National Government .............................................................. 3

B. Political Science Electives (200 or above) ......................................................... 15

Total Credits: 21

Bachelor of Arts: Public Administration (39-40 credits)

A. Public Administration Core Courses:
   POL 120 American National Government .............................................................. 3
   POL 221 State Government ...................................................................................... 3
   POL 324 Local and Rural Politics ............................................................................ 3
   POL 340 Public Policy and Administration ............................................................. 3
   BADM 380 Management Principles ...................................................................... 3
   PBAD 310 Public Administration Analysis and Problems .................................... 3
   PBAD 325 Administrative Law ............................................................................... 3
   PBAD 490 Senior Seminar .................................................................................... 3

B. One from the following: ....................................................................................... 3
   ACCT 330 Accounting for Governmental and Non-Profit Entities * ....................... 3
   ECON 380 Public Finance ** .................................................................................. 3
   PBAD 350 Public Budgeting .................................................................................. 3

C. One from the following: ....................................................................................... 3-4
   BADM 230 Business Statistics ............................................................................... 3
   MATH 200 Introduction to Statistics ....................................................................... 3
   POL 300 Introduction to Political Research ........................................................... 4
   PSYC 200 Statistics for Behavioral Science ........................................................... 3
   SOCI 200 Social Statistics ..................................................................................... 4

D. One from the following: ....................................................................................... 3
   BADM 383 Organizational Theory and Behavior ................................................... 3
   PBAD 320 Public Theory and Organization ............................................................ 3

E. One from the following: ....................................................................................... 3
   BADM 425 Human Resource Management ........................................................... 3
   PBAD 410 Public Personnel and Management ....................................................... 3

F. One from the following: ....................................................................................... 3
   ACCT 211 Principles of Accounting I ..................................................................... 3
   ECON 202 Principles of Macroeconomics ............................................................. 3
   BADM 280 Business Data Processing .................................................................. 3
   SWRK 402 Social Welfare Policy ......................................................................... 3
   PSYC 358 Industrial/Organizational Psychology .................................................. 3
   BADM 388 Theories of Leadership ...................................................................... 3
   BADM 455 Leadership Dynamics ....................................................................... 3

G. Optional:
   PBAD 499 Internship in Public Administration .................................................... 3-9

H. Recommended Electives:
   ACCT 212 Principles of Accounting II ................................................................. 3
   ANTH 116 Cultural Anthropology ......................................................................... 3
   BADM 390 Business Law I .................................................................................... 3
   BADM 470 International Business ......................................................................... 3
   ECON 201 Principles of Microeconomics ............................................................. 3
   ENG 360 Scientific and Technical Writing ............................................................. 3
   HLTH 350 Community Health ............................................................................. 3
   HIST 363 A History of Social Welfare in the United States ................................... 3
   HIST 295 Minnesota History ................................................................................ 3
   INDS 101 Introduction to Indigenous Nations and Dakota Studies .................... 3
   POL 330 The American Presidency ..................................................................... 3
   POL 415 Law and Society .................................................................................... 3
   POL 425 The United States Congress .................................................................. 3

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
POLITICAL SCIENCE COURSES (POL)

POL 117 (LAC, C, G) Introduction to Government and Politics (3 credits)
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.

POL 120 (LAC, C) American National Government (3 credits)
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.

POL 200 (LAC, G, T) International Politics (3 credits)
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.

POL 221 (LAC, R, S) State Government (3 credits)
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.

POL 227 (C) The Judicial Process (3 credits)
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.

POL 250 (C) American Parties and Elections (3 credits)
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.

POL 252 (LAC, G, T) Introduction to Comparative Politics (3 credits)
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.

POL 255 Model United Nations (1-2 credits)
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.

POL 286 Special Topics (1-4 credits)

POL 292 Honors Credit in Political Science (1 credit)
An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research. Prerequisite: consent of instructor.

POL 300 Political Research (4 credits)
Covers the basics of research methodology and an introduction to statistical analysis and data processing with computers as applied to Political Science. Prerequisites: POL 117 and POL 120.

POL 320 Political Economy of the Third World (3 credits)
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. Prerequisite: POL 117.

POL 324 (R, S) Local and Rural Politics (3 credits)
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. Prerequisite: POL 120.

POL 328 Constitutional Law I: Criminal Justice (3 credits)
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. Prerequisite: POL 120.

POL 330 The American Presidency (3 credits)
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. Prerequisite: POL 120.

POL 331 Western Political Thought (3 credits)
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. Prerequisite: POL 117.

POL 340 Public Policy and Administration (3 credits)
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. Prerequisite: POL 120.

POL 351 (C) Constitutional Law II: Civil Liberties (3 credits)
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. Prerequisite: POL 120.

POL 355 (G) World Political Geography (3 credits)
A traditional regional approach to geography combined with a survey of several important subfields, such as urban geography, geopolitics, political geography, and economic geography.

POL 356 (G, T) The Politics of the Global Economy (3 credits)
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.

POL 360 (C) American Foreign Policy (3 credits)
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. Prerequisite: POL 200 or consent of instructor.

POL 370 (G, T) Government and Politics of Western Europe (3 credits)
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. Prerequisite: POL 117.

POL 375 Government and Politics of Russia (3 credits)
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. Prerequisite: POL 117.

POL 380 Weapons of Mass Destruction (3 credits)
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. Prerequisite: POL 200.

POL 405 (C, G) War and Peace (3 credits)
This course combines a survey of the major theoretical explanations for war and peace with a detailed analysis of relevant case studies. Prerequisite: POL 200.

POL 415 Law and Society (3 credits)
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. Prerequisite: POL 120

POL 422 American Political Thought (3 credits)
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. Prerequisite: POL 120.

POL 425 The United States Congress (3 credits)
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. Prerequisite: POL 120.
POL 430 The United States Supreme Court (3 credits)
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. Prerequisite: POL 120.

POL 451 Politics of Advanced Capitalist Societies (3 credits)
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. Prerequisite: POL 117.

POL 486 Advanced Special Topics in Political Science (1-4 credits)
Selected topics in Political Science. Special emphasis will be given to individual research projects.

POL 490 Senior Seminar in Political Science (3 credits)
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. Prerequisites: POL 117 and POL 120, plus senior standing or consent of instructor.

POL 494 Independent Study (1-3 credits)
A study of politics through individual research projects. Topic to be selected by the student. Prerequisite: consent of instructor.

POL 499 Internship in Government (3-9 credits)
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. Prerequisite: consent of instructor.

PUBLIC ADMINISTRATION COURSES (PBAD)

PBAD 310 Public Administration Analysis and Problems (3 credits)
An introduction to the role of government institutions and political actors in the development, administration, and evaluation of public policy. Includes use of case studies to examine national and state policy-making, relations between different levels of government, and public management theory and practice.

PBAD 320 Public Theory, Policy, and Organization (3 credits)
An introduction to the theory and practice of organizations at all levels of American government. Public policy theory will be used to analyze traditional and modern problems of public administration. The course also examines the relationship between the nature of our political institutions and the policy-making process. Prerequisites: POL 120 and POL 340, or consent of instructor.

PBAD 325 Administrative Law (3 credits)
An examination of administrative and regulatory laws and procedures, including classes of action and enforcement, rule-making and adjudication processes, and judicial review.

PBAD 350 Public Budgeting (3 credits)
This course will provide students with an understanding of how governments raise and allocate funds among competing purposes. In addition, coursework will assess how governments perform such budgetary functions as accounting procedures, oversight, contracting, and borrowing. As an outcome of this course, students will be able to analyze different forms of budgets and have a thorough understanding of the relationship between agencies, executive budget offices, and the legislative branch. Prerequisites: POL 120 and POL 324, or consent of instructor.

PBAD 410 Public Personnel and Management (3 credits)
Indroduces the student to the theory and practice of personnel administration in the public sector, which includes employment at all levels of government. Basic principles of personnel management encountered in the private and nonprofit sectors will be addressed. Employs political and managerial perspectives as well as theoretical and applied dimensions. Prerequisite: BADM 380 or consent of instructor.

PBAD 490 (M) Senior Seminar (3 credits)
The capstone course for students majoring in Rural Public Administration. Covers a wide array of subjects and topics within the field. Students will complete a senior thesis paper which emphasizes original research in the study of administration and its application to local government. Students may choose to write on a topic concerning rural Minnesota or a topic with broader implications for the study of public administration. Prerequisite: senior standing or consent of instructor.

PBAD 499 Internship in Public Administration (3-9 credits)
The course gives credit for supervised work assigned in a public administration setting for selected and qualified students. Preparation and final report required. Prerequisite: consent of instructor.
**PSYCHOLOGY**

**Office:** Social Science 103, 537-6224  
**Faculty:** J. Corey Butler, Christine Olson, William Pavot, Scott Peterson  
**Department:** Social Science

**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 section entitled “Education” of the online catalog available at www.SouthwestMSU.edu. Students should contact the Education Department for the most up-to-date licensure information.

**Bachelor of Arts: Psychology (39 credits)**

I. **Required Psychology Courses:** (29 credits)
   
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<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 (including 1-credit lab)</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 201</td>
<td>Research Methods in the Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 400</td>
<td>Advanced Applied Psychology (Internship)</td>
<td>3</td>
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<tr>
<td>PSYC 420</td>
<td>History and Systems of Psychology</td>
<td>3</td>
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   **One of the following courses:** ................................................ 3
   
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<tr>
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<th>Course Title</th>
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<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: Cognition</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 333</td>
<td>Advanced Experimental Psychology: Motivation and Emotion</td>
<td>3</td>
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   **Two courses from the following:** ................................................ 6
   
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<tr>
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<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>
<td>3</td>
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   **One of the following courses:** ................................................ 3
   
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSYC 340</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 341</td>
<td>Child and Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 343</td>
<td>Adult Development and Aging</td>
<td>3</td>
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</table>

II. **Electives in Psychology:**  
   Select three courses (9 credits) from the following: ................................................ 9
   
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course 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, and 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>
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Effective 07/01/08  

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

PSYC 101 (LAC, T) General Psychology I (3 credits)
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.

PSYC 102 General Psychology II (3 credits)
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. Prerequisite: PSYC 101 or concurrent enrollment.

PSYC 110 Psychology Seminar (2 credits)
This is a lecture and seminar course which introduces students to the Psychology major and to career planning in psychology. It also helps students develop skills related to finding, reading, abstracting, and synthesizing published research in psychology. Prerequisite: PSYC 101 or concurrent enrollment.

PSYC 150 Applied Psychology (3 credits)
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. Prerequisite: PSYC 101.
PSYC 200 Statistics for the Behavioral Sciences (3 credit course/1 credit lab)
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. Prerequisite: MATH 110 or three years of high school math.

PSYC 201 (T) Research Methods in the Behavioral Sciences (3 credits)
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. Prerequisite: PSYC 200.

PSYC 242 Psychology of Death, Dying, and Bereavement (3 credits)
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. Prerequisite: PSYC 101.

PSYC 244 (E) Environmental Psychology (3 credits)
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. Prerequisite: PSYC 101.

PSYC 246 Psychology of Adjustment (3 credits)
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. Prerequisite: PSYC 101.

PSYC 250 (T) Psychology of Women (3 credits)
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. Prerequisite: PSYC 101 or consent of instructor.

PSYC 260 (G) Cross-Cultural Psychology (3 credits)
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. Prerequisite: PSYC 101 or consent of instructor.

PSYC 265 Behavior Modification (3 credits)
The use of learning principles to modify behavior in a variety of settings is studied. Educational, therapeutic, and self-control domains are explored. Prerequisite: PSYC 101.

PSYC 286 Special Topics in Psychology (1-4 credits)

PSYC 292 Honors Credit in Psychology (1 credit)

PSYC 302 Research Seminar (1-3 credits)
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. Prerequisites: PSYC 101 and PSYC 201.

PSYC 309 Advanced Experimental Psychology: Biopsychology (3 credits)
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. Prerequisite: PSYC 201.

PSYC 312 Advanced Experimental Psychology: Learning and Memory (3 credits)
This is a lecture/laboratory course dealing with topics in learning and memory. The course requires two hours of lecture and two hours of laboratory per week. Prerequisite: PSYC 201. Concurrent enrollment in 312 and 201 is encouraged.

PSYC 317 Social Psychology (3 credits)
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. Prerequisite: PSYC 101.

PSYC 318 Group Dynamics (3 credits)
This course surveys factors influencing behavior in small groups. Included are topics such as leadership, social power, and group structures. Prerequisite: PSYC 101.
PSYC 325 Attitudes and Persuasion (3 credits)
This course reviews theory and research on attitude formation, attitude change, and the relationship between attitude, beliefs, and behavior. Prerequisite: PSYC 101.

PSYC 326 Behavior (3 credits)
This course examines the mechanisms and processes that control behavior from a number of perspectives: ecological, evolutionary, physiological and genetic. Prerequisites: PSYC 101 and BIOL 111.

PSYC 331 Tests and Measurements in Psychology (3 credits)
Empirical, methodological and theoretical aspects of psychological testing are explored. Test construction, interpretation, and use in selected applied settings is discussed. Prerequisites: PSYC 101 and consent of instructor.

PSYC 333 Advanced Experimental Psychology: Motivation and Emotion (3 credits)
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. Prerequisites: PSYC 101 and PSYC 201.

PSYC 335 Abnormal Psychology (3 credits)
Causes and treatment of abnormal behavior patterns, diagnosis of such behaviors and investigation of normal and abnormal behaviors are studied. Prerequisite: PSYC 101.

PSYC 337 Counseling and Psychotherapy (3 credits)
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. Prerequisites: PSYC 101 and either PSYC 335 or PSYC 338 or consent of instructor.

PSYC 338 Psychology of Personality (3 credits)
Major theories of personality are studied. Prerequisite: PSYC 101.

PSYC 340 Developmental Psychology (3 credits)
Developmental psychology is the study of the development of behavior across the entire life span from birth until old age. Prerequisite: PSYC 101.

PSYC 341 (T) Child and Adolescent Psychology (3 credits)
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. Prerequisite: PSYC 101.

PSYC 343 Adult Development and Aging (3 credits)
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, child-rearing, empty nest, retirement, widowhood, grief and death. Prerequisite: PSYC 101 or consent of instructor.

PSYC 358 Industrial/Organizational Psychology (3 credits)
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. Prerequisite: PSYC 101.

PSYC 400 Advanced Applied Psychology (Internship) (3 credits)
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, junior standing, and consent of instructor.

PSYC 420 (M) History and Systems of Psychology (3 credits)
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 and senior standing or consent of instructor.

PSYC 480 Experimental Design (3 credits)
Students learn the application of complex experimental designs to behavioral research. Advanced techniques in SPSS are explored. Prerequisite: PSYC 201.

PSYC 486 Advanced Special Topics in Psychology (1-4 credits)
Prerequisite: junior or senior standing or consent of instructor.
PSYC 494 Independent Study in Psychology
(1-4 credits)
Prerequisite: consent of instructor.

PSYC 690 Statistics for Education (3 credits)
A study of the use of statistical methods for the description and interpretation of educational and behavioral research. Prerequisite: EDSP 699 and admission to the Master of Science Special Education program.
RURAL & REGIONAL STUDIES

Office: Science and Technology 105, 537-6117
Faculty: Anthony Amato
Department: Rural and Regional Studies

The Rural and Regional Studies Department is part of Southwest Minnesota State University’s Center for Rural and Regional Studies. The Center fosters interdisciplinary research and teaching among University faculty and programs. The Center supports SMSU’s founding mission to study, represent, and serve southwestern Minnesota. The Center’s geographical scope includes southwestern Minnesota, the tallgrass prairie bioregion, and the central North American grassland biome. Its work encompasses environmental, ecological, demographic, geographic, social, cultural, and historical studies. Topics of special interest include the upper Midwestern agricultural economy, the region’s unique migrant streams, evolving ethnic communities, and the experiences and daily lives of its people.

Minor: Geography (18 credits)
The minor in geography complements existing majors in business administration, environmental science, the social sciences, political science, rural public administration, and the natural sciences, among others. It covers the three main subfields of geography, as well as introducing students to Geographic Information Systems (GIS), a technological skill increasingly in demand in business and academia. The minor requires 12 credits of core geography courses, plus six credits of geography electives.

I. Geography Core Requirements: (12 credits)
- RURL 101 Introduction to Geography ......................................................... 3
- RURL 121 Introduction to Geographic Information Systems ...................... 3
- ENVS 120 Regional Geography of the United States and Canada ............... 3
- RURL 321 GIS Methods and Applications .................................................... 3

II. Geography Electives: (6 credits)
Select ONE course from each of the following two groups: 

Group 1.
- RURL 231 Regional Geography of Southwestern Minnesota ....................... 3
- RURL 241 North American Regions ............................................................... 3
- RURL 251 Regional Geography of the World ............................................... 3
- POL 355 World Political Geography ............................................................ 3

Group 2.
- RURL 201 Human Geography ................................................................. 3
- RURL 202 Historical Geography ................................................................. 3
- RURL 271 Environmental History .............................................................. 3
- RURL 331 Geography of Population .......................................................... 3
- RURL 351 Cultural Landscapes ................................................................. 3
- ANTH 301 Cultural Geography ................................................................. 3

Total Credits: 18

Minor: Rural and Regional Studies (18 credits)
The Rural and Regional Studies Minor consists of a minimum of 12 credits beyond the institutional Rural Studies requirement of three credit hours and the Regional Studies requirement of three credits hours. The student’s minor will be defined in consultation with the student’s advisor, with the approval of the Chair of Rural and Regional Studies. Only one course may be in the candidate’s major area. All courses should be numbered 200 or above. Three of the 12 credit hours may be taken in Directed Studies or Internship. Students shall normally choose from courses designated as Rural Studies (R) or Regional Studies (S); exceptions must be approved by the Chair of Rural and Regional Studies. Modifications of or substitutions in the student’s minor also need the approval of the Chair of Rural and Regional Studies.
RURAL & REGIONAL STUDIES COURSES (RURL)

RURL 101 (LAC, R, S) Introduction to Geography (3 credits)
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.

RURL 102 Introducing Southwest Minnesota (3 credits)
This course will be offered for 3 credits on a credit or no credit basis. Its goal will be to introduce members of the Southwest community to the region. Its form will be interdisciplinary, involving a wide array of University professors and staff, in addition to community experts and guest speakers. The course will utilize literature created by the University’s Center for Rural and Regional Studies and the Society for the Study of Local and Regional History. Two or three field trips will be offered in conjunction with the course. This course will be particularly attractive to members of the community and region.

RURL 103 (R, S) Introduction to Rural and Regional Studies (3 credits)
This course will discuss the concepts of locality and region. It will do this in relation to geographical, social, demographic, and cultural factors. Southwestern Minnesota will be a primary focus in the latter part of the course.

RURL 121 Introduction to Geographic Information Systems (3 credits)
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.

RURL 201 Human Geography (3 credits)
This course addresses the main themes related to the spatial distribution of human populations, including people, migration, adaptation, and material culture. It focuses on human groups and includes discussion of the ways that they evolve through time, move to new places, merge with other groups, and transform their identities.

RURL 202 Historical Geography (3 credits)
Historical geography analyzes the ways that various spatial relationships change through time. It explores the spatial aspects of populations, settlement and migration, economy, transportation, agriculture, and ecosystems in the past.

RURL 231 Regional Geography of Southwestern Minnesota (3 credits)
This course explores the local geography of southwestern Minnesota. Using classroom lectures and discussions, lab work, and field studies, it evaluates local physical structures, cultural diffusion, land use, and landscape change. This course teaches students to “read the landscape,” using the local area as an example.

RURL 241 North American Regions (3 credits)
This course develops the concept of region as a category of analysis, evaluating the role of distinctive environments, cultures, religions, and histories in defining place and human experience. It uses four different regions in North America to comparatively explore regionalism. The regions studied may change from semester to semester, but southwestern Minnesota and the Upper Midwest will always be one component.

RURL 251 Regional Geography of the World (3 credits)
This is a topical course addressing geographical issues of particular regions of the world. The region of focus will shift from semester to semester, including studies of the South American Pampas, the Sahara, the Yellow River of China, etc. Regions will be evaluated according to aspects of their cultural, historical, and physical geography.

RURL 271 (E) Environmental History (3 credits)
This course explores processes of environmental change, examining them in their proper ecological, geographical, and historical contexts. The course also addresses the multi-faceted relationship between human beings and their surroundings as well as changing definitions of environment and nature.

RURL 321 GIS Methods and Applications (3 credits)
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. Prerequisite: RURL 121 or consent of instructor.

RURL 331 Geography of Population (3 credits)
This course introduces students to the study of population. The course covers the concepts, methods, and measures necessary for understanding the characteristics and dynamics of human populations. The course will also address the applications of demographic concepts and methods.
RURL 351 (R, S) Cultural Landscapes (3 credits)
This course focuses on human beings’ views of their surroundings. The course explores how humans perceive, imagine, define, and talk about the natural features and artificial creations that comprise landscapes. It also examines the meanings of specific places and settings as reflected in specific ideals, values, rituals, and artifacts.

RURL 494 Directed Studies in Rural and Regional Studies (1-4 credits)
Independent studies of selected Rural and Regional Studies topics not ordinarily covered by established courses. This study can be defined around specialized reading, particular oral and written projects, as well as independent research. Prerequisites: eight credits in Rural and Regional Studies; consent of instructor.

RURL 499 Internship in Rural and Regional Studies (3-9 credits)
The internship involves on-the-job experience. It requires discussion of experience and problems with the internship advisor, as well as significant oral and written reports summarizing the learning involved in the field experience. Prerequisite: consent of instructor.
SOCIAL WORK

Office: Social Science 103, 537-6224
Faculty: Mary Beth Faimon, Donna Nieckula, Rick Robinson
Department: Social Science

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

The 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 home page, which can be found at www.SouthwestMSU.edu/Academics/Programs/SocialWork.

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 Liberal Arts Curriculum
- minimum grade of “C” (2.0) in all interdisciplinary, Liberal Arts Curriculum, and social work courses, except for the following three courses: ENG 102, ENG 103, and SPCH 110
- minimum grade of “C+” in ENG 102, ENG 103, 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 (75 credits)
Requirements for the social work major include social work courses, interdisciplinary courses, and some liberal arts curriculum requirements.

1. Liberal Arts Foundation: (22 credits)
   - BIOL 100 Biology in the Modern World (LAC) (Lecture/Lab:3/1) ...................................................4
   - ECON 201 Principles of Microeconomics (LAC) .................................................................................3
     OR ..................................................................................................................................................3
   - ECON 202 Principles of Macroeconomics (LAC) ..............................................................................3
   - HUMT 203 Modern Western Civilization (LAC) ...............................................................................3
   - PHIL 103 Ethics (LAC) ...................................................................................................................3
   - POL 120 American National Government (LAC) ............................................................................3
   - PSYC 101 General Psychology I (LAC) .............................................................................................3
   - SOCI 101 Introduction to Sociology .................................................................................................3
II. Interdisciplinary Foundation: (15 credits)
   SOCI 315  Applied Social Research Methods ................................................................. 3
   PSYC 200  Statistics for the Behavioral Sciences .............................................................. 3
   PSYC 335  Abnormal Psychology ..................................................................................... 3
   PSYC 340  Developmental Psychology .............................................................................. 3

Select ONE of the following: ................................................................................................. 3
   INDS 101  Introduction to Indigenous Nations and Dakota Studies .................................. 3
   INDS 230  Dakota History and Culture ............................................................................. 3
   INDS 310  Indigenous Spirituality and World View ......................................................... 3

III. Professional Social Work Foundation: (25 credits)
   SWRK 101  Social Welfare in a Changing World ................................................................. 3
   SWRK 234  Introduction to Social Work ........................................................................... 3
   SWRK 330  Basic Interviewing Skills ................................................................................ 2
   SWRK 340  Human Behavior in the Social Environment .................................................... 3
   SWRK 351  Diverse and At-Risk Populations ................................................................... 3
   SWRK 402  Social Welfare Policy .................................................................................... 3
   SWRK 335* Generalist Practice I ....................................................................................... 4
   SWRK 336* Generalist Practice II .................................................................................... 4

* Social Work Methods Sequence: admission to the major is required.

IV. Field Practicum: (13 credits)
   SWRK 415  Field Research Seminar ................................................................................ 1
   SWRK 484  Pre-Field Practicum Seminar ....................................................................... 1
   SWRK 485  Field Practicum Seminar (Capstone) .............................................................. 3
   SWRK 499  Field Practicum ............................................................................................. 8

Social Welfare Minor
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, nor 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.

Minor: Social Welfare (20 credits)
1. Required Courses: 14 credits
   ECON 202  Principles of Macroeconomics (LAC) .......................................................... 3
   SWRK 101  Social Welfare in a Changing World .............................................................. 3
   SWRK 234  Introduction to Social Work ........................................................................... 3
   SWRK 330  Basic Interviewing Skills ................................................................................ 2
   SWRK 402  Social Welfare Policy .................................................................................... 3

II. Electives: 6 credits
   Select ONE course from each of the following two groups:
   1. ED 230  Education in Rural America ............................................................................. 3
      INDS 344  Federal Indian Policy ................................................................................... 3
      HIST 363  History of Social Welfare in the United States ............................................ 3
   2. SWRK 242  Introduction to Gerontology .................................................................... 3
      SWRK 250  Social Services in Health Care .................................................................. 3
      SWRK 280  Substance Abuse and Other Addictive Behaviors ..................................... 3

Total Credits: 20

SOCIAL WORK COURSES (SWRK)

SWRK 101  Social Welfare in a Changing World (3 credits)
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.

SWRK 234  Introduction to Social Work (3 credits)
The profession of social work in the U.S., including general history, ideology and values; the social science base of
SWRK 242 Introduction to Gerontology (3 credits)
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.

SWRK 250 Social Services in Health Care (3 credits)
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.

SWRK 280 Substance Abuse and Other Addictive Behaviors (3 credits)
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.

SWRK 286 Special Topics (1-4 credits)
Specialized study in social work, such as social work with select populations or selected issues. Prerequisite: SWRK 234.

SWRK 321 Workshop (1-2 credits)
Selected continuing education topics in social work.

SWRK 330 Basic Interviewing Skills (2 credits)
The course shall provide exposure to basic interviewing skills with emphasis on the values of empathy, genuineness, and client empowerment. Further, the course shall offer basic intervention skills such as active listening, empathy, probing, assessing, challenging, and summarizing. The course shall emphasize the diversity of human behavior and experience and recognize the uniqueness of each individual client. The overall course material will serve as a conceptual underpinning of generalist social work practice to serve as a base of knowledge for practice courses.

SWRK 335 Generalist Social Work Practice I (4 credits)
This course is designed to introduce generalist skills and knowledge for social work practice with individuals and families within a framework of social work’s core values and fundamental practice responsibilities. These core values include social justice and client empowerment, and practice responsibilities include cultural responsiveness, commitment to professional competence, and the demonstration of practice effectiveness. This course introduces conceptual and theoretical frameworks for social work practice in a diversity of settings and client systems (micro, mezzo and macro); skill development processes for problem-solving, engagement with individuals and families, assessment, planning, implementation, evaluation, termination, and follow-up. Lecture, discussion, role-play, and case study methods, with an emphasis on at-risk and socially, economically disadvantaged populations. Prerequisite: admission to social work major; pre- or co-requisites: SWRK 340, PSYC 340.

SWRK 336 Generalist Social Work Practice II (4 credits)
Generalist Social Work Practice II focuses on assessment and intervention skills specific to macro practice with communities and organizations, including development of problem definition, collecting and assessing information, strategic planning, implementing organizing strategies and techniques, and evaluating community and organizational outcomes. Lecture, discussion, videos, role-play, and case study methods, with an emphasis on at-risk and socially, economically disadvantaged populations. Theoretical content on intervention methods of class advocacy and social action for achieving social and economic justice are incorporated in the contexts of generalist practice as an essential means of empowerment. Prerequisites: SWRK 335, 340, PSYC 340.

SWRK 340 Human Behavior in the Social Environment (3 credits)
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. Prerequisites: SOCI 101, PSYC 101 and BIOL 100.

SWRK 341 Family and Group Work (3 credits)
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.

SWRK 350 Advanced Study in Rural Social Work (3 credits)
Central concepts and approaches for advanced locality-relevant generalist practice. Prerequisites: SOCI 135 and SWRK 340.

SWRK 351 Diverse and At-Risk Populations (3 credits)
Examines quality-of-life dimensions and outcomes of diverse and at-risk populations important to human service professionals, including age, class, color, disability,
SWRK 352 Militarism and the U.S.: Human Costs and Consequences (3 credits)
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. Prerequisites: PSYC 101 and SOCI 101.

SWRK 354 The Holocaust, Genocide, and Human Rights (3 credits)
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. Prerequisite: junior or senior standing or consent of instructor.

SWRK 402 Social Welfare Policy (3 credits)
Social welfare policy models including rational and political models; policy making processes from the individual level through local, state, national, administrative, and legislative processes; an overview of social welfare policies in the U.S. Prerequisites: SWRK 101, ECON 201 or 202, and POL 120.

SWRK 415 Field Practicum Research (1 credits)
This course will enable students to understand the rationale for and application of a variety of research techniques which are commonly used in Social Work practice. Students will develop an appreciation for the methodologies that enable social workers to effectively manage human and monetary resources. The content of this course assumes the student has had an introductory research course and that the student is in an applied field such as Social Work or Sociology. Students will be introduced to the research ethics and the diverse issues which affect research, such as race, gender, age, and sexual identity. Prerequisites: admission to Field Practicum; concurrent enrollment in SWRK 499, SWRK 485.

SWRK 450 Individual Study (1-4 credits)
Limited to eight (8) hours, not more than four hours in a given subject area. Prerequisite: Consent of instructor.

SWRK 484 Pre-Field Practicum Seminar (1 credit)
The purpose of this course is to prepare pre-admitted, Social Work majors to register for SWRK 485, 415, 499 and to enter an approved Field Agency with an approved Field Supervisor/Instructor during the following semester. The course provides an opportunity for students to explore issues related to preferences for field experiences, discuss concerns connected with entering the field (including standards for selection of Field Agencies and Field Supervisor/Instructors), complete required forms for applying to Field Instruction complete a Learning Outcomes contract and Field Agency Orientation, examine the mechanics of field placement (including resume, placement interview, liability insurance, and transportation), identify and examine uses of supervision in Field Instruction and review NASW Code of Ethics, Minnesota data Privacy Laws, and Minnesota board of Social Work Licensing Laws. Prerequisites: completing or completion of all courses required in the major.

SWRK 485 (M) Social Work Field Practicum Seminar (3 credits)
This course provides an opportunity for students in field instruction to explore affective and cognitive aspects of practice, to demonstrate knowledge of his/her field agency in which she/he is placed, to evaluate experiences from a social work perspective, to apply generalist, social work models to field experiences, to enhance skills in the use of discussion methods, to share self-awareness in relation to human diversity and with regard to a developing professional social work identification, to apply problem solving approaches to problems in the field, and to continue to expand research knowledge and skills. Prerequisite: SWRK 484. Concurrent enrollment in SWRK 499, SWRK 415.

SWRK 486 Special Topics (1-4 credits)
Specialized study in social work, such as social work with select populations or selected issues. Prerequisites: SWRK 234, 335.

SWRK 499 Field Practicum (8 credits)
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. Prerequisite: SWRK 484. Concurrent enrollment in SWRK 485, SWRK 415.

Effective 07/01/08
Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
SOCI OLOGY

Office: Social Science 103, 537-6224
Faculty: Vicky Brockman, Sangeeta Sinha, Cindy Wasberg
Department: Social Science

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.

Bachelor of Arts: Sociology (40 credits)

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<thead>
<tr>
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<tbody>
<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology ..................................................................</td>
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<td>OR</td>
<td></td>
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<tr>
<td>SOCI 102</td>
<td>Introduction to Sociology: Rural and Regional Perspective ..........</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 218</td>
<td>Self and Society (Prerequisite: SOCI 101) ..................................</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 220</td>
<td>Social Problems (Prerequisite: SOCI 101) ....................................</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 200</td>
<td>Social Statistics (Prerequisite: MATH 110 or 3 years high school math)</td>
<td>4</td>
</tr>
<tr>
<td>SOCI 314</td>
<td>Sociological Theory (Prerequisites: SOCI 101 and one other sociology course)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 315</td>
<td>Applied Social Research Methods (Prerequisites: SOCI 101, 200, and SOCI 314 or senior standing)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 318</td>
<td>Forces for Social Change (Prerequisites: SOCI 101 and one other sociology course)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 495</td>
<td>Senior Seminar (Prerequisites: SOCI 315 and consent of instructor) ..................................</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective credits .................................................................................................................................. 15

Electives are selected from Sociology courses in consultation with the major advisor. At least two electives must be upper-division sociology courses (300 or 400 level). A maximum of 3 credits may be applied from SOCI 450 Individual Readings, and a maximum of 3 credits may be applied from SOCI 485 Field Experience.

Total Credits: 40

Minor: Sociology (21 credits)

<table>
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<th>Course</th>
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<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology ..................................................................</td>
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<tr>
<td>SOCI 314</td>
<td>Sociology Theory .............................................................................</td>
<td>3</td>
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<tr>
<td>Sociology electives .................................................................</td>
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</tbody>
</table>

Selected in consultation with an advisor in Sociology. A maximum of 3 credits may be applied from SOCI 450 Individual Readings, and a maximum of three credit hours may be applied from SOCI 485 Field Experience.

Total Credits: 21

Minor: Criminal Justice (27 credits)

<table>
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<tr>
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<tr>
<td>SOCI 101</td>
<td>Introduction to Sociology (prerequisite for required courses) ........</td>
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</tr>
<tr>
<td>JUAD 144</td>
<td>Introduction to Justice and Society .............................................</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 244</td>
<td>Sociology of Deviant Behavior .....................................................</td>
<td>3</td>
</tr>
<tr>
<td>JUAD 450</td>
<td>Criminal Law ..................................................................................</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 344</td>
<td>Criminology (Prerequisite: SOCI 144) .........................................</td>
<td>3</td>
</tr>
<tr>
<td>POL 328</td>
<td>Constitutional Law I: Criminal Justice ........................................</td>
<td>3</td>
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<tr>
<td>OR</td>
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</tr>
<tr>
<td>POL 415</td>
<td>Law and Society ............................................................................</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 21

Effective 07/01/08

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

Elective credits ........................................................................................................................................9
Choose one course (3 credits) from each of the following three categories:
1. JUAD 442 Court/Corrections Management .................................................................3
   JUAD 444 Juvenile Justice .................................................................3
2. PHIL 305 Law, Liberty, and Morality .................................................................3
   POL 351 Constitutional Law II: Civil Liberties .........................................................3
   PSYC 335 Abnormal Psychology .................................................................3
   PSYC 465 Behavior Modification .................................................................3
   SPCH 230 Interpersonal and Cross-cultural Communication ..................................3
   INDS 326 Decolonization, Recovery and Indigenous Peoples .................................3
   SOCI 331 Racial and Ethnic Relations in America ..............................................3
Note: An internship is available, but not required.

Students who wish to major in Sociology and minor in Criminal Justice are required to complete the Sociology core courses (25 credits) and five electives (15 credits) for the Sociology major in addition to the above minor. Students may count SOCI 244 Sociology of Deviant Behavior, as one of the five electives for the major. They may also count SOCI 331 Minorities in American Society as one of the five electives for the major. Together, the total number of credits for a Sociology major and a Criminal Justice minor ranges from 61 to 67 credits. Students with other majors complete the minor as shown above.

SOCIOLOGY AND CRIMINAL JUSTICE COURSES (SOCI)

SOCI 101 (LAC, D) Introduction to Sociology (3 credits)
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.

SOCI 102 (LAC, R, S) Introduction to Sociology: Rural and Regional Perspective (3 credits)
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. This course differs from SOCI 101 in that it uses examples from southwestern Minnesota as well as other rural societies and peoples. Further emphasis is placed on the social problems, community life and culture, and the social fabric of southwestern Minnesota.

SOCI 135 (R) Rural Society (3 credits)
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.

SOCI 161 Relationship Violence: Causes, Consequences, Treatment, and Prevention (1 credit)
This course introduces facts, concepts and theories that provide a foundation for understanding the kinds of violence that may occur regularly in relationships. Topics include: violence in dating relationships and acquaintance rape, partner abuse and rape, child abuse and incest, and elder abuse. Multidisciplinary perspectives provide a broad introductory overview of these issues.
SOCI 200 Social Statistics (4 credits)
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. Prerequisite: MATH 110 or three years of high school math.

SOCI 211 Marriage and Family (3 credits)
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. Prerequisite: SOCI 101.

SOCI 218 Self and Society (3 credits)
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. Prerequisite: SOCI 101.

SOCI 220 Social Problems (3 credits)
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. Prerequisite: SOCI 101.

SOCI 244 Sociology of Deviant Behavior (3 credits)
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. Prerequisite: SOCI 101.

SOCI 270 (D,G) Gender Issues (3 credits)
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.

SOCI 286 Special Topics (1-4 credits)
This course is designed to provide lower-division students with an opportunity to experience a special or experimental curriculum course.

SOCI 314 Sociological Theory (3 credits)
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.

SOCI 315 Applied Social Research Methods (3 credits)
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. Prerequisites: SOCI 101, 200, and 314; or senior standing.

SOCI 318 Forces for Social Change (3 credits)
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.

SOCI 324 Sociology of Sexualities (3 credits)
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.

SOCI 331 (D) Racial and Ethnic Relations in America (3 credits)
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. Prerequisite: SOCI 101.

SOCI 344 Criminology (3 credits)
Explanation and critical analysis of criminology theory. Also, the course examines major types of crimes, victims, and criminal behavior in the contemporary United States. Topics include definitions; incidence and trends in criminal behavior; roles of police and judicial personnel; and justifications for punishment. Prerequisite: SOCI 144.
SOCI 354 The Holocaust, Genocide, and Human Rights (3 credits)
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. Prerequisite: junior or senior standing, or consent of instructor.

SOCI 415 Formal Organizations, Bureaucracies, Corporations (3 credits)
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. Prerequisite: SOCI 101.

SOCI 420 Sociology of Work (3 credits)
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. Prerequisite: SOCI 101.

SOCI 435 Rural Development (3 credits)
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.

SOCI 440 Human Communities: Structure and Change (3 credits)
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. Prerequisites: SOCI 101, ANTH 116, or consent of instructor.

SOCI 445 Class and Class Conflict (3 credits)
Class stratification in pre-industrial, industrial, and post industrial societies, institutionalized inequality, sources of strain and conflict, automation and the prospects for industrial man. Prerequisites: SOCI 101 or consent of instructor.

SOCI 450 Individual Readings (1-3 credits)
Prerequisite: consent of instructor.

SOCI 486 Special Topics (1-4 credits)
This course is designed to provide upper-division students with an opportunity to experience a special or experimental curriculum enrichment course.

SOCI 495 Senior Seminar in Sociology (3 credits)
This course is designed to integrate previous sociology study by reviewing basic concepts and theories, reading and discussing selected topics not covered in the regular curriculum, and completing a research project begun in SOCI 315 Applied Social Research Methods. Prerequisites: SOCI 315 and consent of instructor.

SOCI 499 Field Experience/Internship (3-12 credits)
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, and SOCI 315; or consent of instructor.
SPEECH COMMUNICATION

Office: Fine Arts 207, 537-7103
Faculty: Douglas Binsfeld, Mark Fokken, Jan Loft, Michael McHugh, Robert Ridley
Department: Art, Music, Speech Communication and Theatre

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. A grade of “C-” or better is required for major/minor coursework applied toward a degree from the Speech Communication Program. 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.

**Bachelor of Arts: Speech Communication (36 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SPCH 111</td>
<td>Radio Production and Performance</td>
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<tr>
<td>SPCH 112</td>
<td>Television Production</td>
<td>3</td>
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<tr>
<td>SPCH 161</td>
<td>Speech Activities: Forensics</td>
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<td>SPCH 162</td>
<td>Speech Activities: Radio and Television</td>
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<tr>
<td>SPCH 200</td>
<td>Small Group Communication</td>
<td>3</td>
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<tr>
<td>SPCH 215</td>
<td>Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 230</td>
<td>Interpersonal and Cross-cultural Communication</td>
<td>3</td>
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<tr>
<td>SPCH 256</td>
<td>Argumentation and Debate</td>
<td>3</td>
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<tr>
<td>SPCH 303</td>
<td>Advanced Public Speaking</td>
<td>3</td>
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<td>SPCH 310</td>
<td>Persuasion</td>
<td>3</td>
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<td>SPCH 330</td>
<td>Mass Media and Society</td>
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<tr>
<td>SPCH 360</td>
<td>Organizational Communication and Interviewing Techniques</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 410</td>
<td>Communication Analysis</td>
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<tr>
<td>SPCH 488</td>
<td>Senior Seminar</td>
<td>3</td>
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<tr>
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<td>Total Credits</td>
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**Bachelor of Arts: Speech Communication-Theatre Arts (37 credits)**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>THTR 101</td>
<td>Beginning Acting</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THTR 140</td>
<td>Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 111</td>
<td>Radio Production and Performance</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPCH 112</td>
<td>Television Production</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 161</td>
<td>Speech Activities: Forensics</td>
<td>2</td>
</tr>
<tr>
<td>SPCH 162</td>
<td>Speech Activities: Radio and Television</td>
<td>2</td>
</tr>
<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 and Cross-Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 256</td>
<td>Argumentation and Debate</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 360</td>
<td>Organizational Communication and Interviewing Techniques</td>
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<td>Total Credits</td>
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Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
194   Speech Communication

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SPCH 410</td>
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<td>3</td>
</tr>
<tr>
<td>SPCH 488</td>
<td>Senior Seminar</td>
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</tr>
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</table>

Total Credits: 37

**Bachelor of Arts: Speech Communication: Public Relations Emphasis (62-64 credits)**

**Speech Communication Courses:**
- SPCH 111 Radio Production and Performance ..................................................3
- SPCH 112 Television Production ...........................................................................3
- SPCH 161 Speech Activities: Forensics ...............................................................2
- SPCH 200 Small Group Communication ..................................................................3
- SPCH 210 Introduction to Public Relations .........................................................3
- SPCH 260 Introduction to Public Relations Writing ..............................................3
- SPCH 303 Advanced Public Speaking .....................................................................3
- SPCH 310 Persuasion .............................................................................................3
- SPCH 360 Organizational Communication and Interviewing Techniques ..................3
- SPCH 425 Broadcast Law and Regulation ..............................................................3
- SPCH 488 Senior Seminar ......................................................................................3

**Art Courses:**
- ART 102 Foundations of Art and Design (Prerequisite to ART 240) ......................3
- ART 240 Concepts of Graphic Design ...................................................................3

**Business Administration Courses:**
- BADM 390 Business Law I ..................................................................................3

**Marketing Courses:**
- MKTG 301 Principles of Marketing .......................................................................3
- MKTG 331 Professional Selling .............................................................................3
- MKTG 381 Advertising Management ......................................................................3

Select one of the following:
- MKTG 391 Consumer Behavior .............................................................................3
- MKTG 441 Marketing Research .............................................................................3

**English and Speech Communication**

At least nine credits from the following: .................................................................9
- BADM 317 Business Communications ..................................................................3
- ENG 204 Basic Print Journalism ...........................................................................4
- ENG 360 Scientific and Technical Writing ...........................................................3
- ENG 361 Advanced Composition ..........................................................................3
- ENG 365 Modern Grammar ..................................................................................3
- ENG 410 Advanced Print Journalism ....................................................................3
- SPCH 251 Broadcast Newswriting and Reporting ................................................3

Total Credits: 62-64

It is strongly recommended that students take the following courses from the Liberal Arts Core Curriculum:
- Principles of Microeconomics OR Principles of Macroeconomics
- Introduction to Government & Politics OR American National Government
- Ethics

It is also recommended that students discuss with their advisor the following opportunities:
1. The need to take ENG 101 Fundamentals of College Writing
2. An extra course in Marketing earns a Marketing Minor
3. ART 343 Digital Art Photography
4. Completion of an internship will enhance the degree

**Bachelor of Science: Speech Communication/Secondary Education* (36 credits)**

* Please see the Speech Program for current curriculum requirements. The student must also fulfill the professional education requirements; please see the Education Department for current licensure requirements.
Bachelor of Science: Speech Communication-Theatre Arts/Secondary Education*(38 credits)

* Please see the Speech Program for current curriculum requirements. The student must also fulfill the professional education requirements; please see the Education Department for current licensure requirements.

Bachelor of Science: Speech Communication: Radio and Television (50 credits)

<table>
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<td>SPCH 112</td>
<td>Television Production</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 161</td>
<td>Speech Activities: Forensics</td>
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<tr>
<td>SPCH 162</td>
<td>Speech Activities: Radio and Television</td>
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<td>SPCH 200</td>
<td>Small Group Communication</td>
<td>3</td>
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<td>SPCH 215</td>
<td>Oral Interpretation</td>
<td>3</td>
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<td>SPCH 251</td>
<td>Broadcast Newswriting and Reporting</td>
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<td>SPCH 303</td>
<td>Advanced Public Speaking</td>
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<td>SPCH 310</td>
<td>Persuasion</td>
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<tr>
<td>SPCH 315</td>
<td>Media Interpretation</td>
<td>3</td>
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<td>SPCH 330</td>
<td>Mass Media and Society</td>
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<td>SPCH 390</td>
<td>ENG/EFP Techniques</td>
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<td>SPCH 425</td>
<td>Broadcast Law and Regulation</td>
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<td>SPCH 499</td>
<td>Internship</td>
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<td>THTR 341</td>
<td>Acting Techniques</td>
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<td>SPCH 488</td>
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Bachelor of Science: Communication Arts and Literature/Secondary Education, Speech Communication Emphasis (46 credits)*

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<thead>
<tr>
<th>Speech Communication Courses: (31 credits)</th>
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<tbody>
<tr>
<td>SPCH 161</td>
<td>Speech Activities: Forensics</td>
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<td>SPCH 200</td>
<td>Small Group Communication</td>
</tr>
<tr>
<td>SPCH 215</td>
<td>Oral Interpretation</td>
</tr>
<tr>
<td>SPCH 230</td>
<td>Interpersonal and Cross-Cultural Communication</td>
</tr>
<tr>
<td>SPCH 256</td>
<td>Argumentation and Debate</td>
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<tr>
<td>SPCH 303</td>
<td>Advanced Public Speaking</td>
</tr>
<tr>
<td>SPCH 310</td>
<td>Persuasion</td>
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<tr>
<td>SPCH 330</td>
<td>Mass Media and Society</td>
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<td>SPCH 410</td>
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<td>SPCH 450</td>
<td>Secondary Teaching Methods: Speech Communication</td>
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<table>
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<th>English/Literature Courses:* (18 credits)</th>
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<tr>
<td>ENG 361</td>
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<td>ENG 365</td>
<td>Modern Grammar</td>
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<tr>
<td>LIT 308</td>
<td>Authors: Short Course**</td>
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<tr>
<td>LIT 410</td>
<td>Literature and Literacy for Adolescents</td>
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One British Survey Course:

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<tbody>
<tr>
<td>LIT 321</td>
<td>British Literature: Beginning through Restoration and 18th Century</td>
<td>4</td>
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<tr>
<td>LIT 322</td>
<td>British Literature: Nineteenth and Twentieth Century</td>
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</table>

One American Survey Course:

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<tbody>
<tr>
<td>LIT 331</td>
<td>American Literature: Beginning through Realism and Naturalism</td>
<td>4</td>
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<tr>
<td>LIT 332</td>
<td>American Literature: Modern and Contemporary</td>
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</table>

Total Credits: 46

Effective 07/01/08 Update 01/01/09

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Speech Communication

* All students must take ENG 263: Poetry as their LAC Literature/Humanities requirement.

** Students may take a three-credit Authors course or Shakespeare course (two choices) and fulfill the one-credit requirement in the degree, but will have extra credits.

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 of the online catalog available at www.SouthwestMSU.edu for more information.

Minor: Speech Communication (22 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SPCH 111</td>
<td>Radio Production and Performance</td>
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<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPCH 112</td>
<td>Television Production</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 161</td>
<td>Speech Activities: Forensics</td>
<td>1</td>
</tr>
<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 and Cross-Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 256</td>
<td>Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPCH 310</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 303</td>
<td>Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 360</td>
<td>Organizational Communication &amp; Interviewing Techniques</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
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</tr>
<tr>
<td>SPCH 410</td>
<td>Communication Analysis</td>
<td>3</td>
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</tbody>
</table>

Total Credits: 22

Minor: Speech Communication/Secondary Education* (22 credits)

* Please see the Speech Program for current curriculum requirements. The student must also fulfill the professional education requirements; please see the Education Department for current licensure requirements.

Minor: Speech Communication-Theatre Arts (22 credits)

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<tr>
<th>Course</th>
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<tr>
<td>THTR 260</td>
<td>Directing I</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 111</td>
<td>Radio Production and Performance</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
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<tr>
<td>SPCH 112</td>
<td>Television Production</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 161</td>
<td>Speech Activities: Forensics</td>
<td>1</td>
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<tr>
<td>SPCH 200</td>
<td>Small Group Communication</td>
<td>3</td>
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<tr>
<td>SPCH 215</td>
<td>Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 230</td>
<td>Interpersonal and Cross-Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPCH 410</td>
<td>Communication Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 256</td>
<td>Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 303</td>
<td>Advanced Public Speaking</td>
<td>3</td>
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</tbody>
</table>

Total Credits: 22

Minor: Speech Communication-Theatre Arts/Secondary Education* (22 credits)

* Please see the Speech Program for current curriculum requirements. The student must also fulfill the professional education requirements; please see the Education Department for current licensure requirements.

Effective 07/01/08 Update 01/01/09

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SPEECH COMMUNICATION COURSES (SPCH)

SPCH 110 (LAC) Essentials of Speaking and Listening (3 credits)
A skills course instructing the student how to design and deliver a speech.

SPCH 111 Radio Production and Performance (3 credits)
The study of basic and advanced creative techniques, procedures and practices in the production and performance of contemporary radio.

SPCH 112 Television Production (3 credits)
An introduction to basic television studio techniques. Students will develop skills in operating control room and studio equipment, producing, and directing.

SPCH 161 Speech Activities: Forensics (1 credit)
Participation in intramural and intercollegiate debate and forensics. May be repeated.

SPCH 162 Speech Activities: Radio and Television (1 credit)
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.

SPCH 200 (C, T) Small Group Communication (3 credits)
The theory and application of problem-solving questions of fact, value and policy utilizing group dynamics and effective leadership styles.

SPCH 210 Introduction to Public Relations (3 credits)
A course designed to acquaint students with the principles and practices of public relations.

SPCH 215 Oral Interpretation (3 credits)
The theory and application of the selection, analysis, and presentation of literature. Students will perform the three genres of literature utilizing various performance styles.

SPCH 228 Basic Black and White Photography (3 credits)
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.

SPCH 230 (D) Interpersonal and Cross-Cultural Communication (3 credits)
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.

SPCH 251 Broadcast Newswriting and Reporting (3 credits)
The study of techniques, procedures, and practices used in news gathering, writing, reporting, and editing broadcast news.

SPCH 256 (T) Argumentation and Debate (3 credits)
The principles and practices of debate including the preparation and presentation of debate cases as formal argument.

SPCH 260 Introduction to Public Relations Writing (3 credits)
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.

SPCH 286 Special Topics in Communication (1-4 credits)
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.

SPCH 301 Risk and Crisis Communication (3 credits)
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.

Effective 07/01/08 Update 01/01/09
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SPCH 303 (T) Advanced Public Speaking (3 credits)
Application of advanced principles of public speaking emphasizing speech structure and oral style. Students will prepare and present several types of speeches. Prerequisite: SPCH 110 or consent of instructor.

SPCH 310 (T) Persuasion (3 credits)
The logical and psychological theories of persuasion present in everyday communication. The course emphasizes the analysis and application of persuasive strategies.

SPCH 315 Media Interpretation (3 credits)
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. Prerequisite: SPCH 215 or consent of instructor.

SPCH 328 Advanced Black and White Photography (3 credits)
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. Prerequisite: SPCH 228.

SPCH 330 (C) Mass Media and Society (3 credits)
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.

SPCH 360 Organizational Communication and Interviewing Techniques (3 credits)
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.

SPCH 390 ENG/ EFP Techniques (3 credits)
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. Prerequisites: SPCH 111 and 112 or consent of instructor.

SPCH 410 (T) Communication Analysis (3 credits)
The rhetorical and critical analysis of a communication event through the use of classical and modern rhetorical principles.
THEATRE

Office: Fine Arts 207, 537-7103
Faculty: Raymond Oster, Nadine Schmidt, Sheila Tabaka
Department: Art, Music, Speech Communication and Theatre

The primary objective of the Theatre Program is to provide a curriculum for the student interested in working in the professional theatre, teaching theatre, or studying theatre in graduate school. A major in theatre offers the student a comprehensive understanding of the Theatre Arts with the opportunity to specialize in teaching, directing, acting, designing, costuming, or playwriting. The program emphasizes student initiative, creativity, and responsible involvement. Classes are structured to provide a solid philosophical and practical approach to theatre. A grade of “C-” or better is required for major/minor coursework applied toward a degree in the Theatre Program.

The Theatre and Speech Programs also offer students various combinations for majors and minors. See section entitled, “Speech Communication.”

Bachelor of Arts: Theatre Arts (42 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>THTR 101</td>
<td>Beginning Acting</td>
<td>3</td>
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<tr>
<td>THTR 140</td>
<td>Stagecraft</td>
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<tr>
<td>THTR 230</td>
<td>Script Analysis</td>
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<tr>
<td>THTR 242</td>
<td>Stage Makeup</td>
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<tr>
<td>THTR 243</td>
<td>Costume History and Design</td>
<td>3</td>
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<tr>
<td>THTR 244</td>
<td>Costume Construction</td>
<td>3</td>
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<td>THTR 246</td>
<td>Stage Lighting</td>
<td>3</td>
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<td>THTR 260</td>
<td>Directing I</td>
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<td>THTR 340</td>
<td>Theatre History I</td>
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<tr>
<td>THTR 342</td>
<td>Advanced Acting</td>
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<tr>
<td>THTR 346</td>
<td>Scene Design</td>
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<td>THTR 430</td>
<td>Seminar and Project</td>
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<td>THTR 440</td>
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Total Credits: 42

Minor: Theatre Arts (24 credits)

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<td>Costume History and Design</td>
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<td>3</td>
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<tr>
<td>THTR 260</td>
<td>Directing I</td>
<td>3</td>
</tr>
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<td>THTR 301</td>
<td>Theatre Activity</td>
<td>3</td>
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<tr>
<td>THTR 340</td>
<td>Theatre History I</td>
<td>3</td>
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<tr>
<td>THTR 346</td>
<td>Scene Design</td>
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<td>THTR 430</td>
<td>Seminar and Project</td>
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<td>Theatre History II</td>
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Total Credits: 24

Effective 07/01/08

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THEATRE ARTS COURSES (THTR)

THTR 100 (LAC, T) Introduction to Theatre (3 credits)
This course acquaints the student with the origins of theatre and its ability to reflect and illuminate the human condition.

THTR 101 (T) Beginning Acting (3 credits)
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.

THTR 140 Stagecraft (3 credits)
A course designed to acquaint the student with the basic materials and techniques used in building stage scenery.

THTR 220 Film Appreciation (3 credits)
An introduction to film techniques and the historical development of the film. The course includes viewing and discussion of representative films.

THTR 230 Script Analysis (3 credits)
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 stage.

THTR 242 Stage Makeup (3 credits)
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.

THTR 243 Costume History and Design (3 credits)
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.

THTR 244 Costume Construction (3 credits)
The object of this course is to teach the student the basic methods and materials used in making stage costumes.

THTR 246 Stage Lighting (3 credits)
This course will examine the art and mechanics of designing and executing theatrical lighting.

THTR 260 Directing I (3 credits)
An introduction to concepts in text analysis and methods needed to realize the text as a theatrical experience. The student is required to apply these techniques in producing a scene for the purpose of performing it as a final project. Prerequisites: THTR 101 and 140, or consent of instructor.

THTR 281 (T) Acting in the Classroom (3 credits)
The course combines improvisation, theatre games, and scene work to stimulate the imagination and creativity of the theatre performer.

THTR 286 Special Topics in Theatre (1-4 credits)
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. This course may be repeated up to a maximum of 12 credits.

THTR 301 Theatre Activity (3 credits)
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. This course may be repeated up to a maximum of 12 credits.

THTR 318 Musical Theatre (3 credits)
Participation in the actual production of a musical or comparable dance numbers for the theatrical stage or other appropriate environment. This course may be repeated up to a maximum of 12 credits. Prerequisite: consent of instructor or audition.

THTR 340 (T) Theatre History I (3 credits)
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.

THTR 341 (T) Acting Techniques (3 credits)
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. Prerequisite: THTR 101 or consent of instructor.

THTR 342 (T) Advanced Acting (3 credits)
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 repeated up to a maximum of 12 credits. Prerequisite: THTR 101 or THTR 281, or consent of instructor.
THTR 345 Speech for the Actor (3 credits)
Introduction to the physiology of speech with the development of specific exercises to improve articulation, breath support, projection, and quality of sound produced.

THTR 346 Scene Design (3 credits)
The course will concentrate on the basic principles of scene design, drafting for the stage, and theatrical model-making. Prerequisite: THTR 140 or consent of instructor.

THTR 360 Directing II (3 credits)
Further development of the objectives set down for THTR 260. These shall culminate in the production of a one-act play.

THTR 365 Theatre Management (3 credits)
The course will survey the management and organization of contemporary theatre companies in their varied forms and discuss standard business practices.

THTR 420 Playwriting (3 credits)
This course is designed to study the basic principles of playwriting, culminating in the writing of plays to be performed. Prerequisite: consent of instructor.

THTR 430 Seminar and Project (3 credits)
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. Prerequisite: junior, major status.

THTR 440 (T) Theatre History II (3 credits)
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.

THTR 486 Theatre Topics (1-4 credits)
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. This course may be repeated up to a maximum of 12 credits.

THTR 494 Independent Studies (1-3 credits)
Permits the student to develop an interest under faculty guidance in an area not normally provided by the curriculum. This course may be repeated up to a maximum of 12 credits. Prerequisite: consent of instructor.

THTR 499 Internship (3-6 credits)
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 repeated up to a maximum of 12 credits. Prerequisite: consent of Department Chairperson and theatre faculty.
WELLNESS & HUMAN PERFORMANCE

Office: Physical Education 217, 537-7170
Faculty: Anne Aiken-Kush, Frankie Albitz, Brent Jeffers, Harry Jones, Judy Pitzl, Ellen Radel, Michael Sterner, Marilyn Strate
Department: Wellness & Human Performance

The Department of Wellness & Human Performance offers degree programs in health, physical education, sports management, recreation, exercise science, and individually designed interdisciplinary programs. Teaching certification is available in health and physical education with minors in coaching, health, 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.

HEALTH AND FITNESS GRADUATION REQUIREMENT

Health and Fitness: Total Credits (3 semester credits)
Students will be required to complete a two-credit course from “Group A” relative to the cognitive domain of health and wellness. Students will be required to complete a one-credit activity course from “Group B” relative to the fitness aspect of a healthy lifestyle.

Group A. Cognitive Domain
Select one course from the following options (two-credit semester course):
- HLTH 100 Personal Health and Wellness .................................................................2
- HLTH 112 Nutrition and Wellness ...........................................................................2
- HLTH 220 Stress and Wellness ...............................................................................2
- PE 249 Physical Fitness Concepts ..........................................................................2

Group B. Fitness Domain
Select one course from the following options (one-credit semester course)
- PE 107 Walking For Wellness................................................................................1
- PE 109 Cross Training ...........................................................................................1
- PE 135 Dance for Fitness.......................................................................................1
- PE 139 Aerobics ....................................................................................................1
- PE 149 Weight Training and Conditioning ...........................................................1
- PE 152 Basic Self Defense ....................................................................................1
- PE 154 Adapted Physical Education Activities ....................................................1
- PE 160 Flexibility Through Yoga ...........................................................................1
- PE 161 Swimmercize .............................................................................................1
- PE 170 Lifetime Fitness .........................................................................................1
- PE 171 Step Aerobics.............................................................................................1
- PE 177 Biking .......................................................................................................1

Bachelor of Science: Health Education (78 credits)

Health Education Major Courses: (52 credits)
- HLTH 100 Personal Health and Wellness ........................................................................2
- HLTH 110 First Aid and Safety/CPR .......................................................................2
- HLTH 225 Alcohol, Narcotics and Tobacco .............................................................2
- HLTH 230 Concepts of School Health ....................................................................2
- HLTH 232 Nutrition ...............................................................................................3
- HLTH 330 Human Sexuality and Healthy Behavior ................................................3
- HLTH 350 Community Health ...............................................................................2
- HLTH 390 Health Promotion ..................................................................................3
- HLTH 410 Human Growth and Development .......................................................2
- HLTH 492 Organization and Methods: Health Education ........................................3

Effective 07/01/08

Note: While every effort is made to ensure accuracy, SMSU reserves the right to correct any clerical errors herein.
BIOL 100  Biology in the Modern World with lab ........................................4
    OR .................................................................................................4
BIOL 200  Cell Biology with lab (Prerequisite CHEM 121 or 131)............4
BIOL 305  Human Anatomy and Physiology I with lab..........................4
PE101   Introduction to Health and Physical Education .........................2
PE108   Basic Technology in Sport, Activity and Physical Education .......3
PE 220  Curriculum and Instruction .....................................................2
PE 249  Physical Fitness Concepts .......................................................2
PE 497   Senior Seminar ....................................................................2
PSYC 101  General Psychology I .........................................................3
PSYC 246  Psychology of Adjustment ..................................................3
SOCI 101  Introduction to Sociology ...................................................3

Requirement for Health 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.

Bachelor of Science: Physical Education - Teaching (94 credits)

1. Physical Education Major Courses: (65 credits)

   PE101  Introduction to Health and Physical Education .........................2
   PE 108  Basic Technology in Sport, Activity and Physical Education ......3
   PE 122  Fall Movement Skills ............................................................3
   PE 123  Spring Movement Skills .........................................................3
   PE 220  Curriculum and Instruction ...................................................2
   PE 249  Physical Fitness Concepts .....................................................2
   PE 285  Anatomical Kinesiology .........................................................2
   PE 385  Biomechanics of Human Motion ..........................................3
   PE 387  Rhythm and Dance Fundamentals ...........................................2
   PE 390  Organization and Administration of Athletics and Physical Education ....2
   PE 391  Exercise Physiology ...............................................................4
   PE 401  K-12 Special Methods .........................................................3
   PE 444  Motor Learning and Development .........................................2
   PE 480  Measurement and Evaluation ..............................................3
   PE 481  Adapted Physical Education Theory .....................................3
   PE 497   Senior Seminar ..................................................................2
   HLTH 110  First Aid and Safety/CPR ...............................................2
   HLTH 225  Alcohol, Narcotics and Tobacco ......................................2
   HLTH 410  Human Growth and Development ..................................2
   BIOL 100  Biology in the Modern World with lab ..............................4
    OR .................................................................................................4
   BIOL 200  Cell Biology with lab (Prerequisite: CHEM 121 or 131) ........4
   BIOL 305  Human Anatomy and Physiology I with lab ....................4
   PSYC101  General Psychology I ......................................................3
   SOCI 101  Introduction to Sociology ................................................3

   One of the following Chemistry courses:
       CHEM 110  Our Chemical World with lab ....................................4
       CHEM 111  Chemistry in Our Daily Lives with lab ..........................4
       CHEM 121  Basic Chemistry with lab ...........................................4

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.
# Bachelor of Science: Physical Education -EXERCISE SCIENCE Emphasis (72 credits)

## Core Courses: (35 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 110</td>
<td>First Aid and Safety /CPR</td>
<td>2</td>
</tr>
<tr>
<td>PE101</td>
<td>Introduction to Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 108</td>
<td>Basic Technology in Sport, Activity, and Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 249</td>
<td>Physical Fitness Concepts *</td>
<td>2</td>
</tr>
<tr>
<td>PE 285</td>
<td>Anatomical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>PE 355</td>
<td>Sport Psychology</td>
<td>2</td>
</tr>
<tr>
<td>PE 385</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>PE 391</td>
<td>Exercise Physiology</td>
<td>4</td>
</tr>
<tr>
<td>PE 444</td>
<td>Motor Learning and Development</td>
<td>2</td>
</tr>
<tr>
<td>PE 488</td>
<td>Legal Aspects of Recreation and Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 487</td>
<td>Senior Seminar</td>
<td>2</td>
</tr>
<tr>
<td>PE 490</td>
<td>Field Practicum</td>
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</tr>
<tr>
<td>PE 499</td>
<td>Professional Internship</td>
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## Emphasis Courses: (37 credits)

<table>
<thead>
<tr>
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<tr>
<td>HLTH 232</td>
<td>Nutrition</td>
<td>3</td>
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<td>HLTH 410</td>
<td>Human Growth and Development</td>
<td>2</td>
</tr>
<tr>
<td>PE 480</td>
<td>Measurement and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>PE 491</td>
<td>Exercise Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PE 492</td>
<td>Exercise Physiology II Lab Seminar</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 121</td>
<td>Basic Chemistry (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 122</td>
<td>Introductory Organic/Biochemistry (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 200</td>
<td>Cell Biology (Prerequisite: CHEM 121 or 131) (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>Anatomy and Physiology I with lab (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 306</td>
<td>Anatomy and Physiology II with lab (Lecture/Lab:3/1)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 200</td>
<td>Introduction to Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 72

* Courses can be taken for the Graduation Requirement. See first page of Wellness and Human Performance section.

# Bachelor of Science: Physical Education-RECREATION Emphasis (66 credits)

## Core Courses: (35 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 110</td>
<td>First Aid and Safety /CPR</td>
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<tr>
<td>PE101</td>
<td>Introduction to Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 108</td>
<td>Basic Technology in Sport, Activity, and Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 180</td>
<td>Introduction to Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 249</td>
<td>Physical Fitness Concepts *</td>
<td>2</td>
</tr>
<tr>
<td>PE 285</td>
<td>Anatomical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>PE 355</td>
<td>Sport Psychology</td>
<td>2</td>
</tr>
<tr>
<td>PE 385</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>PE 391</td>
<td>Exercise Physiology</td>
<td>4</td>
</tr>
<tr>
<td>PE 444</td>
<td>Motor Learning and Development</td>
<td>2</td>
</tr>
<tr>
<td>PE 488</td>
<td>Legal Aspects in Recreation and Sports</td>
<td>3</td>
</tr>
<tr>
<td>PE 490</td>
<td>Field Practicum</td>
<td>2</td>
</tr>
<tr>
<td>PE 497</td>
<td>Senior Seminar</td>
<td>2</td>
</tr>
<tr>
<td>PE 499</td>
<td>Professional Internship</td>
<td>6</td>
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</table>

## Emphasis Courses: (31 credits)

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<th>Course</th>
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<tbody>
<tr>
<td>PE 105</td>
<td>Fall Recreation Block</td>
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<tr>
<td>PE 106</td>
<td>Spring Recreation Block</td>
<td>2</td>
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<tr>
<td>PE 200</td>
<td>Recreational Sports and Games</td>
<td>3</td>
</tr>
<tr>
<td>PE 300</td>
<td>Recreation Diversity and Leadership</td>
<td>3</td>
</tr>
<tr>
<td>PE 360</td>
<td>Introduction to Recreation, Parks and Community Recreation</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 66

* Courses can be taken for the Graduation Requirement. See first page of Wellness and Human Performance section.

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

PE 362 Recreational Aquatics ................................................................. 3
PE 400 Recreation Program Planning ................................................... 3
PE 478 Recreation and Sports Management ......................................... 3
PE 484 Planning Facilities for Physical Activities ................................. 3

Choose one of the options below: .............................................................. 6
Assisted Option:
PE 256 Lifeguard Training ........................................................................ 2
PE 356 Water Safety Instruction ............................................................... 2
HLTH 110 First Aid and Safety/CPR ......................................................... 2
Business Option:
ACCT 211 Principles of Accounting ....................................................... 3
BADM 101 Introduction to Business ....................................................... 3
Health Option:
HLTH 140 CPR - Cardiopulmonary Resuscitation ................................. 1
HLTH 350 Community Health ................................................................. 2
HLTH 390 Health Promotion ................................................................. 3
Social Option:
SOCI 220 Social Problems ...................................................................... 3
SOCI 331 Minorities in American Society ................................................ 3

Total Credits 66

Bachelor of Science: Physical Education -SPORTS MANAGEMENT Emphasis (68 credits)

Core Courses: (35 credits)
HLTH 110 First Aid and Safety /CPR ....................................................... 2
PE 101 Introduction to Health and Physical Education ................................. 2
PE 108 Basic Technology in Sport, Activity, and Physical Education ............... 3
PE 249 Physical Fitness Concepts * ......................................................... 2
PE 285 Anatomical Kinesiology .............................................................. 2
PE 355 Sport Psychology ........................................................................ 2
PE 385 Biomechanics of Human Motion ................................................ 3
PE 391 Exercise Physiology .................................................................... 4
PE 444 Motor Learning and Development ................................................. 2
PE 488 Legal Aspects in Recreation and Sports .......................................... 2
PE 490 Field Practicum ............................................................................ 3
PE 497 Senior Seminar .......................................................................... 2
PE 499 Professional Internship ............................................................... 3

Emphasis Courses: (33 credits)
PE 478 Recreation and Sports Management ........................................... 3
PE 484 Planning Facilities for Physical Activities ................................. 3
PE 489 Sports Marketing, Promotion, Consumer Behavior ...................... 3
ACCT 211 Principles of Accounting I ..................................................... 3
ACCT 212 Principles of Accounting II .................................................... 3
BADM 101 Introduction to Business ...................................................... 3
BADM 280 Computer Concepts and Applications .................................. 3
BADM 350 Managerial Finance .............................................................. 3
BADM 380 Management Principles ....................................................... 3
MKTG 301 Principles of Marketing ....................................................... 3
ECON 201 Principles of Microeconomics .............................................. 3

Total Credits: 68

* Courses can be taken for the Graduation Requirement. See first page of Wellness and Human Performance section.
Minor: Adapted Physical Education/DAPE (32 credits)

SMSU was granted DAPE certification Fall of 2003. Students receiving this licensure have met the requirements necessary for a minor in this area. DAPE is only recognized by the State of Minnesota. A declared 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</th>
<th>Title</th>
<th>Credits</th>
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</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</td>
<td>2</td>
</tr>
<tr>
<td>PE 285</td>
<td>Anatomical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>PE 385</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
</tr>
<tr>
<td>PE 391</td>
<td>Exercise Physiology</td>
<td>4</td>
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<tr>
<td>PE 393</td>
<td>Practicum I</td>
<td>1</td>
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<tr>
<td>PE 401</td>
<td>K-12 Special Methods</td>
<td>3</td>
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<tr>
<td>PE 444</td>
<td>Motor Learning and Development</td>
<td>2</td>
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<tr>
<td>PE 481</td>
<td>Adapted Physical Education Application</td>
<td>3</td>
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<tr>
<td>PE 498</td>
<td>Practicum II</td>
<td>1</td>
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<tr>
<td>EDSP 290</td>
<td>Introduction to Special Needs and Lab</td>
<td>3</td>
</tr>
<tr>
<td>EDSP 470/570</td>
<td>Home-School-Community: Partnerships in Consultation/Collaboration</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 410</td>
<td>Human Growth and Development</td>
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</tr>
</tbody>
</table>

Total Credits: 32

Minor: Adapted Physical Activity (18 credits)

This minor will service students in the Wellness & Human Performance Department who are not enrolled in the Physical Education Teaching track. 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</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 210</td>
<td>Introduction to Adapted Physical Education</td>
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<tr>
<td>PE 300</td>
<td>Recreation Diversity and Leadership</td>
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<td>PE 390</td>
<td>Organization and Administration of Athletics and Physical Education</td>
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<tr>
<td>PE 393</td>
<td>Practicum I</td>
<td>1</td>
</tr>
<tr>
<td>PE 481</td>
<td>Adapted Physical Education Application</td>
<td>3</td>
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<tr>
<td>EDSP 290</td>
<td>Introduction to Special Needs and Lab</td>
<td>3</td>
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<tr>
<td>EDSP 403</td>
<td>Behavioral Theories and Practices in Special Education</td>
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</table>

Total Credits: 18

Minor: Coaching (24-27 credits)

<table>
<thead>
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<th>Course</th>
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<tbody>
<tr>
<td>PE 249</td>
<td>Physical Fitness Concepts</td>
<td>2</td>
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<tr>
<td>PE 285</td>
<td>Anatomical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>PE 33X</td>
<td>Coaching and Officiating of (choice of sport)</td>
<td>3</td>
</tr>
<tr>
<td>PE 33X</td>
<td>Coaching and Officiating of (choice of sport)</td>
<td>3</td>
</tr>
<tr>
<td>PE 355</td>
<td>Sports Psychology</td>
<td>2</td>
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<tr>
<td>PE 385</td>
<td>Biomechanics of Human Motion</td>
<td>3</td>
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<td>PE 390</td>
<td>Organization and Administration of Athletics and Physical Education</td>
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<td>PE 391</td>
<td>Exercise Physiology</td>
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<tr>
<td>PE 392</td>
<td>Prevention and Care of Athletic Injuries</td>
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<tr>
<td>PE 482</td>
<td>Practicum in Coaching</td>
<td>1-4</td>
</tr>
</tbody>
</table>

Total Credits: 24-27

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

HLTH 100 (W) Personal Health & Wellness (2 credits)
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.

HLTH 110 First Aid and Safety/CPR (2 credits)
Trauma prevention study and medically approved application techniques of administering emergency care in case of trauma due to accidents or sudden illness.

HLTH 112 (W) Nutrition and Wellness (2 credits)
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.

HLTH 140 CPR - Cardiopulmonary Resuscitation (1 credit)
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.

HLTH 220 (W) Stress and Wellness (2 credits)
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.

HLTH 225 Alcohol, Narcotics and Tobacco (2 credits)
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.

HLTH 230 Concepts of School Health (2 credits)
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.

HLTH 232 Nutrition (3 credits)
The student will study the sociological and biological aspects of nutrition in the relationship of food to health. Current dietary trends and their implications for health will be discussed. Prerequisite: BIOL 100 or BIOL 200.

HLTH 240 CPR - Instructor Certification (2 credits)
An advanced class leading to the CPR Instructor rating. Prerequisite: HLTH 140 or current CPR certification.

HLTH 290 Wellness, Safety, and Nutrition from Birth to Grade 3 (3 credits)
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.

HLTH 292 Honors Credit In Health (1–4 credits)
An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by honors students. Prerequisite: consent of instructor.

HLTH 330 Human Sexuality and Healthy Behavior (3 credits)
This course will provide an overview of the biological, sociological, environmental and psychological issues related to 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. Pre-requisite: Sophomore standing.

HLTH 350 Community Health (2 credits)
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. Prerequisite: junior standing.

HLTH 390 Health Promotion (3 credits)
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.

HLTH 400 Epidemiology (2 credits)
Philosophy, administrative considerations and patterns of public health activities in the United States, including a thorough analysis of epidemiology problems and disease control. Prerequisites: HLTH 100, 225, (AND/OR?) 350.

HLTH 410 Human Growth and Development (2 credits)
This course is designed to offer the basic developmental framework of human beings beginning at conception through young adult.
**Wellness & Human Performance**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 491</td>
<td>Elementary School Health Education (2 credits)</td>
</tr>
<tr>
<td></td>
<td>This 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.</td>
</tr>
<tr>
<td>HLTH 492</td>
<td>Organization &amp; Application of Health Education: 5-12 Level (3 credits)</td>
</tr>
<tr>
<td></td>
<td>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. Prerequisite: HLTH 230 and Admission into School of Education.</td>
</tr>
<tr>
<td>HLTH 494</td>
<td>Independent Study (1–4 credits)</td>
</tr>
<tr>
<td></td>
<td>Independent study and research within the health and wellness area. Prerequisite: consent of instructor.</td>
</tr>
<tr>
<td>HLTH 496</td>
<td>Workshop in Health (1–4 credits)</td>
</tr>
<tr>
<td></td>
<td>To provide health credit for workshops in area. Prerequisite: Application.</td>
</tr>
<tr>
<td>HLTH 540</td>
<td>Trends in Health Curriculum (3 credits)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>HLTH 560</td>
<td>Health Promotion Management (3 credits)</td>
</tr>
<tr>
<td></td>
<td>This course consists of an analysis of the fundamental concepts and methodologies involved in planning, implementing, and evaluation of health promotion programs.</td>
</tr>
<tr>
<td>HLTH 570</td>
<td>Survey and Application of Health Education Research (3 credits)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>HLTH 580</td>
<td>Special Problems in Health Education (3 credits)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>HLTH 598</td>
<td>Current Issues in Health Education (3 credits)</td>
</tr>
<tr>
<td></td>
<td>This course will explore the latest philosophical issues and controversies which are impacting the field of health education. Prerequisite: consent of instructor.</td>
</tr>
</tbody>
</table>

**Capstone Course:**

**HLTH 698 (M) Current Issues in Health Education (3 credits)**

This course will explore the latest philosophical issues and controversies which are impacting the field of health education. Prerequisite: consent of instructor.

**PHYSICAL EDUCATION COURSES (PE)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 100</td>
<td>Introduction to Art/Dance (3 credits)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>PE 101</td>
<td>Introduction to Health and Physical Education (2 credits)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>PE 105</td>
<td>Camping and Canoeing (2 credits)</td>
</tr>
<tr>
<td></td>
<td>This class is designed for students to develop skills, awareness, and knowledge in all racquet activities, volleyball, canoeing, and outdoor activities. Prerequisite: PE 101.</td>
</tr>
<tr>
<td>PE 106</td>
<td>Crosscountry Ski, Snowshoe, Bike (2 credits)</td>
</tr>
<tr>
<td></td>
<td>This class is designed for students to develop skills in cross-country skiing and bicycling. Prerequisite: PE 101.</td>
</tr>
<tr>
<td>PE 107 (W)</td>
<td>Walking for Wellness (1 credit)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>

*Effective 07/01/08*

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PE 108 Basic Technology in Sport (3 credits)
This course will cover basic technology skills specific to the field of sport, activity, and physical education. Technology covered will include heart rate monitors, fitness testing, video editing, PowerPoint, movement analysis, and web page development. Prerequisite: student must be a declared major in the Wellness and Human Performance field of study.

PE 109 (W) Cross Training (1 credit)
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.

PE 110 Intercollegiate Baseball (1 credit)
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. Prerequisite: consent of instructor.

PE 111 Intercollegiate Basketball (1 credit)
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. Prerequisite: consent of instructor.

PE 112 Cheerleading (1 credit)
The purpose of intercollegiate cheerleading is to give the highly-skilled student the opportunity to learn and perform skills and techniques of cheerleading. Prerequisite: consent of instructor.

PE 114 Intercollegiate Football (1 credit)
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. Prerequisite: consent of instructor.

PE 115 Intercollegiate Soccer (1 credit)
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. Prerequisite: consent of instructor.

PE 116 Intercollegiate Fast Pitch Softball (1 credit)
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. Prerequisite: consent of instructor.

PE 118 Intercollegiate Tennis (1 credit)
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. Prerequisite: consent of instructor.

PE 119 Intercollegiate Golf (1 credit)
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. Prerequisite: consent of instructor.

PE 120 Intercollegiate Volleyball (1 credit)
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. Prerequisite: consent of instructor.

PE 121 Intercollegiate Wrestling (1 credit)
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. Prerequisite: consent of instructor.

PE 122 Fall Movement Skills (3 credits)
This course is designed for Physical Education majors to develop fundamental movement skills in locomotion and basic sports skills such as catching, throwing, kicking and weight lifting. Prerequisite: PE 101.

PE 123 Spring Movement Skills (3 credits)
This course is designed for Physical Education majors to develop fundamental skills in aquatics, basic stunts and tumbling, basic body balance and gymnastics. Prerequisite: PE 101.

PE 130 Racquet Sports (1 credit)
The student will study the fundamental elements of skills, rules, and strategies for participation in all racquet sport activities.

PE 135 (W) Dancing for Fitness (1 credit)
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.

PE 139 (W) Aerobics (1 credit)
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.
PE 140 Beginning Archery (1 credit)
The student will study the fundamental elements of skills, rules, and strategies for participation in archery.

PE 142 Beginning Bowling (1 credit)
The student will study the fundamental elements of skills, rules, and strategies for participation in bowling.

PE 144 Beginning Golf (1 credit).
The student will study the fundamental elements of skills, rules, and strategies for participation in golf.

PE 147 Beginning Tennis (1 credit)
The student will study the fundamental elements of skills, rules, and strategies for participation in tennis.

PE 149 (W) Weight Training and Conditioning (1 credit)
This course will provide basic knowledge and techniques of fitness and conditioning through weight training and the application of weight training in daily life in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

PE 151 Beginning Cross-Country Skiing (1 credit)
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.

PE 152 (W) Basic Self Defense (1 credit)
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.

PE 153 Beginning Racquetball (1 credit)
The student will study the fundamental skills, rules, and strategies for participation in racquetball.

PE 154 (W) Adapted Physical Education Activities (1 credit)
A course designed for students with disabilities taking adapted activity classes for physical education credit and the application of adapted PE in their daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

PE 158 Beginning Canoeing (1 credit)
This course covers all the basic skills of canoeing, including the strokes, selection, use, and care of canoes, paddles, life jackets and related equipment.

PE 160 (W) Flexibility Through Yoga (1 credit)
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.

PE 161 (W) Swimmercize (1 credit)
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.

PE 165 SMSU Dance Team (1 credit)
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.

PE 169 Advanced Weight Training and Conditioning (1 credit)
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. Prerequisite: consent of instructor.

PE 170 (W) Lifetime Fitness (1 credit)
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.

PE 171 (W) Step Aerobics (1 credit)
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.

PE 172 Intramural Activities (1 credit)
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.

PE 177 (W) Biking (1 credit)
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.

Effective 07/01/08

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PE 200 Recreational Sports and Games (3 credits)
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.

PE 210 Introduction to Adapted Physical Education (3 credits)
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.

PE 220 Curriculum and Instruction (2 credits)
This course will provide the student majoring in Physical Education and/or Health Education with basic tools including how to develop and write curriculum and units consisting of detailed block plans and student-centered lesson plans.

PE 249 (W) Physical Fitness Concepts (2 credits)
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.

PE 250 Sport in American Culture (3 credits)
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 (1 credit)
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. Prerequisite: PE 151.

PE 256 Lifeguard Training (2 credits)
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.

PE 258 Intermediate Canoeing (1 credit)
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. Prerequisite: PE 158.

PE 260 (D) Women in Sport (3 credits)
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.

PE 285 Anatomical Kinesiology (2 credits)
This course is designed to develop proficiency in identifying the structures and functions of the musculo-skeletal system.

PE 286 Special Topics (1-4 credits)
This course is designed to provide lower-division students an opportunity to experience a special or experimental curriculum enrichment course.

PE 292 Honors Credit in Physical Education (1-4 credits)
An independent study course designed primarily for Honors Program students. This course allows more in-depth or comprehensive study or research by honors students. Prerequisite: consent of instructor.

PE 300 Recreation Diversity and Leadership (3 credits)
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.

PE 330 Coaching and Officiating of Baseball (3 credits)
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.

PE 331 Coaching and Officiating of Basketball (3 credits)
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.
PE 334 Coaching and Officiating of Football (3 credits)
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.

PE 336 Coaching and Officiating of Softball (3 credits)
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.

PE 337 Coaching and Officiating of Volleyball (3 credits)
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.

PE 338 Coaching and Officiating of Soccer (3 credits)
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.

PE 348 Coaching and Officiating of Track and Field (3 credits)
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.

PE 350 Coaching and Officiating of Wrestling (3 credits)
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. Prerequisite: PE 150 or consent of instructor.

PE 355 Sport Psychology (2 credits)
This course offers the student, prospective coach, and athlete the opportunity to learn correct principles and applications of sport psychology.

PE 356 Swimming Instruction Methods (2 credits)
This course 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.

PE 360 Introduction to Recreation, Parks and Community Education (3 credits)
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 needs of our population as well as the land, financial, and organizational responsibilities and opportunities. Prerequisites: PE 105, 106.

PE 362 Recreational Aquatics (3 credits)
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.

PE 381 Elementary School Physical Education (2 credits)
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.

PE 385 Biomechanics of Human Motion (3 credits)
This course includes both lecture and lab experience to describe, analyze, and interpret the mechanical functions of human movement. Prerequisite: PE 285

PE 387 Rhythm and Dance Fundamentals (2 credits)
This course is designed to give students the skills and knowledge to deliver a progressive sequence of rhythm activities for developmentally appropriate age groups.

PE 390 Organization and Administration of Athletics and Physical Education (2 credits)
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. Prerequisite: junior standing.

PE 391 Exercise Physiology (4 credits)
This course includes lecture and lab experience to define and interpret the adaptations of the human organism to physical activity.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 392</td>
<td>Prevention and Care of Athletic Injuries (2 credits)</td>
<td></td>
<td>This course will provide the theories and practices of athletic injury assessment, care prevention, and rehabilitation used by an athletic coach or physical educator. Prerequisite: PE 285.</td>
</tr>
<tr>
<td>PE 393</td>
<td>Adapted Practicum I (1 credit)</td>
<td></td>
<td>This course is designed to allow students to develop skills in providing direct service for individuals with disabilities in an adapted physical education or activities setting. This practicum is intended to permit the student to engage in supervised professional activities in selected cooperating agencies or organizations.</td>
</tr>
<tr>
<td>PE 395</td>
<td>Exercise Psychology (2 credits)</td>
<td></td>
<td>This course will examine the research, theory, and practical applications of the psychological domain in exercise.</td>
</tr>
<tr>
<td>PE 400</td>
<td>Recreation Program Planning (3 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>PE 401</td>
<td>K-12 Physical Education (3 credits)</td>
<td></td>
<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 experience of 30 hours will be a part of this class. Prerequisite: PE 220 and Admission into School of Education.</td>
</tr>
<tr>
<td>PE 444</td>
<td>Motor Learning and Development (2 credits)</td>
<td></td>
<td>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. Prerequisite: HLTH 410.</td>
</tr>
<tr>
<td>PE 478</td>
<td>Recreation and Sports Management (3 credits)</td>
<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 settings.</td>
</tr>
<tr>
<td>PE 480</td>
<td>Measurement and Evaluation (3 credits)</td>
<td></td>
<td>This course will teach physical education teaching and exercise science majors the skills and knowledge needed to measure, evaluate and assess knowledge, physical performance and affective behavior in school and non-school setting. The use and interpretation of fundamental to intermediate statistical techniques and research design is covered in this course. Prerequisite: PE 101.</td>
</tr>
<tr>
<td>PE 481</td>
<td>Adapted Physical Education Application (3 credits)</td>
<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>
</tr>
<tr>
<td>PE 482</td>
<td>Practicum in Coaching (1–4 credits)</td>
<td></td>
<td>The application of techniques and coaching in a clinical situation.</td>
</tr>
<tr>
<td>PE 483</td>
<td>Intramural Practicum (3 credits)</td>
<td></td>
<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>
</tr>
<tr>
<td>PE 484</td>
<td>Planning Facilities for Physical Activities (3 credits)</td>
<td></td>
<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>
</tr>
<tr>
<td>PE 486</td>
<td>Special Topics (1–4 credits)</td>
<td></td>
<td>This course is designed to provide upper-division students an opportunity to experience a special or experimental curriculum enrichment course.</td>
</tr>
<tr>
<td>PE 488</td>
<td>Legal Aspects of Recreation and Sport (3 credits)</td>
<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>
</tr>
<tr>
<td>PE 489</td>
<td>Sports Marketing, Sales and Promotion (3 credits)</td>
<td></td>
<td>This course will focus on a comprehensive examination of the sport industry with and 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. Prerequisite: MKTG 301.</td>
</tr>
<tr>
<td>PE 490</td>
<td>Field Practicum (2 credits)</td>
<td></td>
<td>This course will enable students to apply knowledge and principals of fitness, exercise science and/or sports management in a practicum experience. Prerequisite: senior standing.</td>
</tr>
</tbody>
</table>
PE 491 Exercise Physiology II (4 credits)
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. Prerequisites: PE 285, 385, 391, 394, 395, BIOL 200, 231 & 232.

PE 492 Exercise Physiology Lab Seminar (2 credits)
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. Prerequisites: PE 285, 385, 391, 394, 395, BIOL 200, 231 and 232.

PE 494 Independent Studies (1–4 credits)
Independent study and research within the physical education and human performance area. Prerequisite: consent of instructor.

PE 496 Workshop in Physical Education (1–4 credits)
To provide physical education credit for workshops in the area. Prerequisite: Application.

PE 497 (M) Senior Seminar (2 credits)
This course is an 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. Prerequisite: senior standing.

PE 498 Adapted Practicum II (1 credit)
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.

PE 499 Professional Internship (3–12 credits)
To provide an opportunity for a student who works in the area of physical education or human performance in an internship program. Prerequisite: junior standing or consent of instructor.

GRADUATE COURSES IN PHYSICAL EDUCATION (PE)

PE 544 Motor Learning and Development (4 credits)
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.

PE 550 Practicum in Teaching (3 credits)
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.

PE 578 Recreation and Sports Management (3 credits)
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 settings. The students 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.

PE 580 Global Perspectives in Physical Education and Sport (4 credits)
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 predominant 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.

PE 581 Skills Test and Measurement in Physical Education and Fitness (4 credits)
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.

PE 584 Planning Facilities for Physical Activities (3 credits)
The student’s 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 student’s 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.
PE 585 Biomechanical Analysis of Movement (4 credits)
A study of the mechanisms underlying human motion. The course will apply biomechanical principles to the analysis of movement. Students will gain advanced experience in the techniques of cinematography and other methods of analysis. Prerequisite: PE 385 Kinesiology II or equivalent.

PE 588 Legal Aspects in Recreation and Sport (3 credits)
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, right to participate, sexual harassment and abuse, and other legal aspects of recreation and sport.

PE 589 Sports Marketing, Promotion and Consumer Behavior (3 credits)
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 for strategic sports marketing the student will design two graduate level projects in this area. Prerequisite: PE 301.

PE 590 Organization and Administration of Physical Education and Sport (4 credits)
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.

PE 591 Applied Exercise Physiology (4 credits)
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 to areas of wellness, sport fitness, and nutrition will also be addressed.

PE 697 Current Issues in Curriculum Development in Health & Physical Education (3 credits)
The current issues class will explore the latest philosophical issues and controversies which are impacting the field of physical education/health and curriculum design.
WOMEN’S STUDIES

Faculty: Doug Anderson, Pat Brace, Vicky Brockman, Elma Dassbach, Joan Gittens, Elina Ibrayeva, Jan Loft, Christine Olson, Susan McLean, Donna Nieckula, Ruthe Thompson, Cindy Wasberg, Judy Wilson

Contact: Interested students should contact a member of the Women’s Studies Committee listed above for more information. Office locations, telephone numbers, and E-mail addresses are listed in the current directory available in print and online at www.SouthwestMSU.edu. Additional information is available online at www.SouthwestMSU.edu/womens_studies

The goal of the Women’s Studies minor is to enrich students’ understanding of women’s roles and the influence of gender in society by examining these subjects through a variety of perspectives and disciplines. The strength of the minor lies in a multidisciplinary framework that enables students to make connections and draw comparisons both within the United States and globally. Course descriptions are listed under each discipline.

Minor: Women’s Studies (21 credits)

Core Courses: (12 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOCI 270</td>
<td>Gender Issues</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 250</td>
<td>Psychology of Women (Prerequisite: PSYC 101 or consent of instructor)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 360</td>
<td>American Women’s History</td>
<td>3</td>
</tr>
<tr>
<td>LIT 375</td>
<td>Literature By and About Women*</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives: (9 credits)

Choose three electives. Approved courses vary each semester. See course schedule under Women’s Studies for approved electives or contact the Women’s Studies Coordinator.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ART 208</td>
<td>Artists Course</td>
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<tr>
<td>BADM 420</td>
<td>Diversity Management</td>
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<tr>
<td>LIT 340</td>
<td>Sexuality and Gender in Literature</td>
</tr>
<tr>
<td>SOCI 211</td>
<td>Marriage and Family (Prerequisite: SOCI 101)</td>
</tr>
<tr>
<td>SOCI 324</td>
<td>Sociology of Sexualities</td>
</tr>
<tr>
<td>SWRK 340</td>
<td>Human Behavior in the Social Environment</td>
</tr>
<tr>
<td>SPCH 230</td>
<td>Interpersonal and Cross-Cultural Communication</td>
</tr>
</tbody>
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Independent Study with approval of the Women’s Studies committee.

Total Credits: 21

Other requirements:

At least four of the seven courses must be taken at Southwest Minnesota State University, unless the Women’s Studies Committee waives this requirement.

* Prerequisite: ENG 102 and ENG 103 or consent of instructor.